

AN ATLAS OF THE BIRDS OF KERALA



Praveen J & PO Nameer
January 2021

AN ATLAS OF THE BIRDS OF KERALA

Praveen J & PO Nameer

Bird Atlas Coordination Team

Anish Aravind, Dilip KG, Dipu Karuthedathu, George Tom,
Hari Mavelikara, Harikumar Mannar, Jafer Palot, Jaichand Johnson,
Jishnu R, Maxim Rodrigues K, Mujeeb PB, L Namassivayan,
Naveenlal Payyeri, Nesrudheen PP, S Prasanth Narayanan,
SS Prasanth, Prashantha Krishna MC, Praveen ES,
Praveen Velayudhan, Premchand Reghuvaran, Raju Kidoor,
Rathish RL, Roshnath R, C Sashikumar, Satyan Meppayur,
AK Sivakumar, Sreedevi A, B Sreekumar, Sreekumar ER,
Sumesh PB, R Venugopal, Vinod Venugopal, CK Vishnudas,
Vishnupriyan Kartha, and Vivek Puliyeri

January 2021

An Atlas of the Birds of Kerala

Ornithology/Reference

Authors: Praveen J & PO Nameer

2021

Creative Commons Attribution 4.0 International License. Authors allow unrestricted use of this publication for non-commercial purposes by providing adequate credit to the authors and publishers.

Photographs copyright © individual photographers mentioned next to each photo. None of the photographs can be reproduced without prior written consent of the respective contributor.

Recommended Citation:

Praveen, J. & P.O. Nameer. 2021. An atlas of the birds of Kerala. Kerala Agricultural University and Bird Count India. Kerala. 219 p.

Printed in India

Lumiere Printing Works, Thrissur, Kerala

ISBN: 978-93-5445-472-1

Data Visualisations : Abinand Reddy

Design : Abhilash Chacko

Photo Editors : Abhinand Chandran, Jishnu R, Krishnakumar K Iyer

Cover Map : MD Madhusudan

Cover Design : Praveen Paul

Book Integration : George Tom

Partners



Contents

Acknowledgements	5
Introduction	13
Kerala Bird Atlas Project	13
Methodology	14
Seasonal Sampling	14
Spatial Sampling	14
Survey Protocol	15
Other Notes	15
Planning and Tracking	16
Analysis	17
How to Read the Visualisations	18
Bird Atlas Survey - Results and Discussion	19
Threatened Birds	19
Endemic Birds	21
Species Richness	22
Species Maps and Seasonality	23
References	214
Index	215

Acknowledgements

In 2015, a group of bird watchers from Kerala took up the challenge to systematically survey the entire state of Kerala for birds across a five year period. This survey was the first of its kind for India, and when it came to a close in 2020, was Asia's largest bird atlas till date. We were able to cover more than 95% of Kerala in the dry season and more than 80% in the wet season. This would not have been possible without the sustained support received from various individuals and organisations.

We got excellent support for the conduct of the Kerala Bird Atlas (KBA) project from the Department of Agriculture & Farmers Welfare as well as the Department of Forests and Wildlife, Government of Kerala. The district level Atlas reports for Thrissur and Alappuzha, were officially released by the Honorable Minister for Agriculture & Farmers Welfare, Adv. VS Sunilkumar in June 2016. The Honorable Minister for Forests and Wildlife Adv. K. Raju has offered all support for the Kerala Bird Atlas project when we met him in 2016 itself. Honorable Minister for Forests and Wildlife Adv. K. Raju, has also released the Posters on the 'Bird diversity of the 14 grama panchayats', in 2019 which was a by-product of the KBA project. Dr. Asha Thomas, IAS, the Additional Chief Secretary & the Principal Secretary to Forests and Wildlife department, GoK has always been a strong supporter of the KBA project.

Dr. P. Rajendran, the former Vice Chancellor, Kerala Agricultural University (KAU) as well as Dr. R Chandrababu, the current Vice Chancellor has extended all the support and encouragement for the smooth implementation of the Kerala Bird Atlas project at the KAU level. The Director of Research, KAU and the Dean Faculty of Forestry also provided the necessary support for the implementation of the KBA.

The Green Partnership Programme (GPP) has been an initiative that was launched in November 2013 by the State Forest department in collaboration with the various NGOs in the state to document and monitor the birds of the State. The various programmes of the GPP include, wetland bird counts, common bird monitoring programme, heronry count, pelagic bird surveys and forest bird surveys. This was started while Dr. BS Corrie IFS was the Head of Forest Force (HoFF) and continued during the periods of the subsequent HoFFs including Dr. Anil K Bharadwaj IFS and Mr. PK Kesavan IFS. The permission for the atlas bird survey was accorded by Dr.

Anil K Bharadwaj IFS and was later extended by Mr. PK Kesavan IFS and Mr. Surendrakumar IFS. We place here our deep sense of gratitude to these senior forest officials for their unstinted support for the successful completion of the Kerala Bird Atlas. The other forest department officials who supported the Kerala Bird Atlas project include, S/Shri./Smt. Abdul Assis IFS, Adalarasan R, IFS, AnjanKumar BN IFS, Anoop KR IFS, Babu C IFS, Deepa KS IFS, Dony G Varghese IFS, Georgi P Mathechan IFS, Jayakumar Sharma PK IFS, Kannan MVG IFS, Karthik P IFS, Karthikeyan K IFS, Keerthi R IFS, Kurra Srinivas IFS, Madhusoodanan PV IFS, Naredra Babu IFS, Naredra Nath Veluri IFS, Narendra Babu S IFS, Padma Mahanti IFS, Pradeep Kumar E IFS, Pradeep Kumar KI IFS, Pramod G Krishnan IFS, Pramod PP IFS, Rajesh Ravindran IFS, Ramesh Bishnoy IFS, Ratheesh D IFS, Renjan A IFS, Revikumar Meena IFS, Sajan NT IFS, Sambudha Majumder IFS, Samuel V Pachuau IFS, SanjayanKumar IFS, Silpa V Kumar IFS, Sunil Babu AP IFS, Suresh PR IFS, SyamMohanLal KN IFS, Unnikrishnan M IFS, Vijayanadan K IFS, Vinodkumar DK, IFS, Vysakh Sashikumar IFS, Warkad Yogesh Nilkanth IFS, among the APCCF/ CCF/CF/DFOs.

Among the DCF/ACFs immense support was provided by S/Shri./Smt. Adarsh M, Afsal Ahammed, Ajith K Raman, Anas NA, Aneesh CP, Ani JR, Anil Antony, Anoopkumar PK, Assif PK, Baiju Krishnan, Biju P, Chinnu Janardhanan, DhaneshKumar P, Dinesh S, Fen Antony, Girija Pushpom, Haby CK, Harikrishnan KV, Harilal MT, Harikrishnan Nair G, Imthyas AP, Jayachandran Nair B, Jayachandran G, Jayamadhavan A, Jayaprakash VP, Jayaprakash K, Jayasankar S, John Mathew, Jose HT, Jose Mathew, Joseph Thomas, Joshil M, Justin Stanley KS, Lekshmi R, Manu Sathyan, Martin Lowel, Mohammed Anwar Y, Mohammed Zainulabdeen KA, Nagaraj BN, Nibu Kiran, Pradeep G, PradeepKumar KI, Prasad G, Praveen P, Radhakrishnan SR, Rahul B, Rajan V, Rajeev M, Rajesh N, Raju K Francis, Ranjith B, Ranjithkumar P, Saby Varghese, Sailesh VK, Sajeeshkumar B, Sajeevkumar B, Saji K, Sajikumar V, Saju PU, Saju S Nair, Saju Varghese, Saju KA, Sanil IP, Sanjayan MP, SanthoshKumar B, Santhoshkumar S, Sathyaprabha Shajana A, Shajikumar YM, Shanavas A, Sreekumar TP, Sreelekha PT, Subash KB, Suhyb PJ, Sujit R, Sunil Sahadevan, SunilKumar KK, Surjith MK, Viju Varghese, Vimal M, Vinayan R, Vinod S and Vipindas PK.

In their capacity as the Range Forest Officers, the following officials facilitated the logistics part of the bird surveys at different forest ranges: Abdul Jaleel P, Abhilash

G, Abju K Arun, Ajayaghosh NK, Ajayakumar V, Ajayan C, Ajayghosh V, Ajeesh M, Aji KV, Ajikumar T, Ajithkumar B, Ajithkumar R, Akhil Babu, Akhil Narayanan, Akhil VB, Anand R, Aneesh S, Aneesh MA, Anilkumar N, Anisha Siddik, Anuraj BR, Aravind Balakrishnan, Arun K Nair, Arun R C, Arun Visa, Arunmaharaja B, Ashalatha A, Ashique Ali U, Ashraf K, Asokaraj B, Babu NM, Bhasi Bahuleyan, Biju KV, Delto L Marokey R, Dhanik Lal G, Fasiludeen S, Geo Basil Paul, Harikumar R, Harilal D, Harindrakumar S, Imrose Elias Navas E, Jaleel PA, Jayakumar NV, Jayan BR, Jayaprakash KV, Jiljith KP, Jiyas Jamaludeen Labba, Job J Neriamparambil, Joji John, Jose KJ, Jyothish J Ozhakkal, Kannan S, Krishnadas KR, Libin John, Mathew TS, Mereena MJ, Mohammed Nishal PS, Mohammed Raphy KM, Money Sudarsanan, Mujeebrahman PK, Najmal Ameen MN, Neethu K, Nithin Lal, Nithin PS, Prem Shamir KP, Priya T Joseph, Rajeevkumar MK, Rajesh C, Rakesh K, Rasheed TM, Ratheesan P, Ratheesan V, Ratheesh KV, Raveendranathan MP, Rehis T, Remya Raghavan, Remya S, Roopesh N, Roy KT, Roy V Rajan, Rubin BR, Saju TS, Salin Jose JC, Sameer MK, Sandeep Kumar G, Sandeep S, Sarathchandran V, Sasikumar T, Savin Sunder P, Selvaraj C, Shaji Jose TF, Shebin VA, Shereef C, Sibin NT, Sijo Samuel, Sindhumathi CR, Solomon Thomas George T, Subair N, Sudheer CK, Sudheer Neroth, Sumu Scaria, Sunil Kumar KP, Sunil P, Suresh Babu P, Suresh J, Suresh P, Thampi PK, Udayan KT, Udayasooryan VB, Veena Devi KR, Vijin Dev A, Vinod Kumar MG, Vinod R and Vinu P. There are also innumerable section forest officers, beat forest officers and forest watchers who also helped us to undertake the atlas field work in the forest areas and we acknowledge the support rendered by each and every one of them.

Indian Bird Conservation Network (IBCN) supported us through a small grant in the first year and our thanks to Dr. Asad R Rahmani, Dr. Raju Kasambe and Ms. Neha Sinha of IBCN/BNHS for arranging the financial support.

It goes without saying that this success is the result of the sheer passion and commitment shown by volunteer birdwatchers of the state, which we all will ever be proud of. We would like to thank each and every participant, especially birders who came forward to support us without considering the state or district boundaries. We are thankful to birders from all the NGOs (see page 3 for logos) who actively participated in forest and wetland surveys notwithstanding harsh climate and tough terrain surmounting small and large obstacles including great floods and pandemic

lockdowns.

Dr. Suhel Quader helped us from initiation through planning to final analysis of data while Abinand Reddy created the atlas visualizations. Members of KeralaBirder yahoo group helped in various ways in this atlas project. George Tom helped to enable Locus Free, a much needed tool for the atlas and to create this book form of the report. Fauzia Arief created an online atlas tracking spatial visualization that gave an up to date status of atlas coverage. Abhilash Chacko kindly designed the layout. Abhinand Chandran, Krishnakumar Iyer and Jishnu R collected and edited the photographs used in this book. Our thanks are also due to all participants of the Kerala Bird Monitoring Workshops conducted between 2015 and 2020 where the protocol and strategy was much debated and finalised and results shared.

We thank all photographers who shared their work to illustrate this book: Abhinand Chandran, Adil Nafar A, Afsar Nayakkan, Amal Us, Aneesh MC, Aneesh Sasidevan, Anith Anilkumar, Arid VK, Arun Shankar, Ashish Malathusseril Shaji, Ashokraj VM, Bijumon KE, Biju PB, CR Pushpa, Dhanesh Ayyappan, Divin Murukesh, Faslu Rahman, Jiju Vinod, Jishnu Narayanan, Jishnu R, Jithesh Nochad, Krishnakumar K Iyer, Latha Prabhakaran, Lathish R Nath, Manoj Karingamadathil, Maxim Rodrigues K, Mohammed Hirash, Mohammed Ramees K, Mohammed Rinaz, Mohammed Sayeer PK, Mridula Murali, Mukundan Kizhakkemadham, Murali Mohan, Najeeb K, Namassivayan Lakshmanan, Navaneeth Nair, Naveenlal Payyeri, Nesru Tirur, Nishad Eshal, Novel Kumar, Paulson Joy, PM Mujeeb, Prashantha Krishna MC, Premchand Raghuvaran, Rahul Nair, Raju Kidoor, Rathish RL, Rayees Rahman, Reji Chandran, Roshnath Ramesh, Sabarish D, Sandeep Sasidharan, Santhosh Kallingal, Sathyan Meppayur, Shabeer V Basheer, Shalu Amana, Shameem Manjeri, Shyamkumar Puravankara, Sidharth S Nambiar, Sreedevi Madhavan, Sreejesh K Nair, Sreejith R Pillai, Sreekumar K Govindankutty, Subin K S, Sujeesh Puthenveetil, Vijesh Vallikunnu, Vineetha Aneesh, Vineeth Viswanath, Vinod Kambalathara, Vinod Kumar, Vivek Chandran, Vivek Puliyeri, Vivek Sudhakaran, and Yadu Prasad.

Our heartfelt thanks are due for all the birdwatchers who participated in the field surveys of bird atlas: Abdul Raheem Munderi, Abdul Rehim, Abdul Saleem, Abhay M Sunil, Abhijith APC, Abhijith AV, Abhijith RS, Abhijith Surendran, Abhinand Chandran, Abhin M Sunil, Abhirami C, Abhirami M Jayakumar, Abhishek Peter, Adheena Xavier,

Adhithyan NK, Adil A, Adithya Ajay, Afreed Muhammed NV, Afthab Faisal K, Ahmed Omar Haroon, Aiswaryalakshmi AR, Ajay Neelamperoor, Ajay Rajan, Ajeeshkumar Sahadevan, Ajish George, Ajit A, Ajith Kumar, Aju Raju, Akhil Poovathingal, Akhil Sabu, Akhil US, Akshay Kumar TP, Alagananda CR, Albin Jacob, Amal US, Amara Bharathy, Amitha Bachan KH, Amol Mande, Amrit Krishna, Anagha Bagade, Anamika Menon, Anantha Krishnan K, Ananthapura Shrigiri, Ananthu P, Ananthu Vijayakrishnan, Anas Ibinu Ansari, Andrew Antonio Fernandez, Andrew Johnson, Aneesh KS, Aneesh Sasidevan, Anish Aravind, Anish Mohan Thampi, Anitta Cherian, Anjana Hari, Anjana Nair, Anjitha Devarajan, Anjitha R, Anju Raj, Ankit Vikrant, Anoop CR, Anoopkumar Podavoor, Anoop Palode SS, Anoop Paul, Anoop Raj, Anu John, Anuradha Varma, Anuraj Aylara, Anuraj R, Anushreedha Sivanandan, Apitha Namassivayan, Arathy S Kumar, Aravind Anil, Aravind CK, Archana Nair, Arid VK, Arjun Kannan, Arjun R, Arjun Raj, Arjun Suresh, Arjun Suresh Suresh, Arjun TS, Arjun Vinayan, Arnav Anish, Aromal Senan, Aromal Vaikom, Arshad Kooriyadan, Arulvelan Thillainayagam, Arun B, Arun CG, Arun Chungappally, Arundev G, Arun George, Arun P Gopi, Arunima J, Arun Kumar, Arun Kumar MP, Arunkumar S, Arun Lal, Arun Murali, Arun Thomas, Arun TJ, Arun Varghese, Arya Vinod, Ashfaq Rahman, Ashif Madathil, Ashley Shaji, Ashlin Michael, Ashokkumar Mohanarangan, Ashok Raj VM, Ashwin Surendran, Ashwin Viswanathan, Aslam Mohammed, Asokan Mash, Aswakhosh M, Aswathy Chandran, Aswathy Rajan, Aswin A, Aswin KS, Aswin Nisanth, Aswin S, Athira M, Avinash Aviz, Avishna Arappil, Azhar Ali Ashraf, Azhar Muhammed, B Sreekumar, Balaji PB, Balakrishnan VC, Bala Subramanian, Balasubramanian S, Benchamin C, Ben Vargis, Bhadra JK, Bibin Paul, Bijumon KE, Biju PB, Biju PS, Biju Thenkudi, Bimal Das CK, Bimalnath Punnassery, Bindu K, Bindu Krishnan, Binu Piraroor, Binu Sreelakam, Chaithra Shree Jayasimhan, Chandrasekaran Venkatraman, Charutha K, Chetan Harikishandas Joshi, Chins Chandran, Chithrabhanu Pakaravoor, Christopher Guna, CK Smitha, Clareena Jose, Cline P Jose, Cuckoo Sebastian, Dalip Singh, Damodaran Pallath, David Raju, Deepa Chandran, Deepak VV, Devi Ambika, Devi Ambika S, Devika PS, Devika Sanghamithra, Devipriya KS, Devi SR, Devnath C, Dhanesh Ayyappan, Digvijay Singh Sikarwar, Dileep PD, Dilgith Surendran, Dilip Joshi, Dilip KG, Dilip Polpakkara, Dipu Karuthedathu, Divin Divi, Divin Murukesh, Divin Venu, Divya Mudappa, Dwijit SS, Edison Jose, Eisa Usman, Elias Rowther B, Emanuel George, Emmanuel George, Faslu Rahman, Fauzia Arief, Fawas Illias, Fazal Koduvally, Firosh Raja, Gaja Mohanraj, Gaythri Devi, Geetha Iyer, George PJ, George Tom, Ginu George,

Gireesan TU, Gireesh Pallikkara, Girishmohan PK, Glan Kidoor, Gopal Prasad, Gopika Varrier, Govind Girija, Govindraj Kamareddy, G Parameswaran, Greeshma Paleeri, Gunaseelan EM, Habeel Sahal, Hanna Thomas, Hariasha Chakkarakkal, Hari Bharathan, Hari G, Hari Govind J, Hariharan TV, Hari Krishnan, Harikrishnan KR, Harikrishnan S, Hari Kumar, Hari Mavelikara, Hari Prasad, Haritha Krishnan, Haritha Mohan, Harith Anantharaman, Harith C, Harsha NR, Hashiq AH, Hashmi VZ, Hemanth Byatroy, Hillblooms School, Hitha PT, Ijaas Mohamed, Jafer Palot, Jaichand Johnson, Jai Kiran, Jain PK, Jamaludheen Karivelil, Jameela P, Javid Ihsan, Jayachandran ES, Jayadev Menon, Jayakrishnan Mannar, Jayakrishnan S, Jayan Thomas, Jaydev Mandal, Jeffin John, Jibin Kochumon, Jiji Sam, Jiju Vinod, Jincy Justin JK, Jisha Rajesh, Jishnu Kizhakkillam, Jishnu Narayanan, Jishnu R, Jishnu VG, Jismi MO, Jithesh Nochad, Jithin Johnson, Joel Soniya, John Richard Thomas, Jolly KV, Jomon Koshy, Joseph Roy, Jose Rani Babu, Justus Obed, Jyothi Arun, Jyothi Krishnan, Jyothish Nelson, Jyothis JS, Kabeerali Ucharakkadav, Kanchana K, Kannan UL, Karthikeyan R, Karthik K, Karthik KV, Karthik S, Karthik Thrikkadeeri, Kausthubh K Nair, Kavungal Ravi, Kiran Bagade, Kiran Karakulam, Kiran MR, Kiran Raj KR, Kiran S Kumar, Kiron Vijay, Kirubhanandhini V, Kishore P, Kishore R, Kishore Raj D, Krishnakumar K Iyer, Krishna Kumar V, Krishnamoorthy Muthirulan, Krishna Murthy, Krishnan Hari Om Prakash, Krishnanunni MR, Kuttettan Munnar, Lalu P Joy, Latha Prabhakaran, Lathika KK, Lathish R Nath, Lekshmi Jayakumar, Libin Abraham, Lijo Panangadan, Madhumita Panigrahi, Magesh P, Mahesh Raman, Malik Fasil Madala, Manav Sajan, Manoj A, Manoj K, Manoj Karingamadathil, Manoj M, Manoj PG, Manoj Ram, Manu Thomas, Mansur Ahamed, Mariam Shajahan, Mathew Rockey, Mathews B A, Mathew Thekkethala, Maxim Rodrigues K, MD Madhusudan, Mebin Varghese, Mini Anto, Mohammad Sulaiman, Mohammed Hirash, Mohammed Rinaz M, Mohammed Sadique, Mohammed Sayeer, Mohanan Choron, Mohan CP, Mohith Sanjay, Muhammed Bilal, Muhammed Nihal, Muhammed Niyas, Muhasin CT, Mujeeb PM, Mukundan Kizhakkemadham, Muneer Tholpetty, Murali Madhava PS, Mytheeswaran T, Najeeb K, Namassivayan Lakshmanan, Nameer PO, Naren Kaushik, Naseer Parayil, Navaneeth Nair, Navaneeth Sini George, Naveenlal P, Naveen V, Navya PK, Neethu George Thoppan, Neha Waikar, Nesrudheen PP, Nidheesh KB, Niju S, Nikhil PV, Nilesh KK, Niranjana C, Nirmala Thomas, Nisanth HP, Nisanth Raveendran, Nisha M, Nithin Divakar, Nithin Marokey, Nithin Mohan, Nithish Kumar, Niveditha RK, Novelkumar MS, PA Anish Elanad, Panchapakesan Jeganathan, Parvathy AS, Patrick David,

Pavithra Sankaran, PB Samkumar, Polly Kalamassery, Polycarp Joseph, Poornima Viswanathan, Prabhakaran PV, Prabhu K, Pradeep Aymanam, Pradeep Chandran AJ, Pradeep Kidoor, Prakash G, Pramod Nair, Pramod Vazhankara, Pranav Karle, Prapanch J, Prasath Selvaraj, Prashantha Krishna MC, Prasob Enose, Prasoon P, Praveen ES, Praveen J, Praveen Koramkottil, Praveen Shenoy, Praveen Velayudhan, Preetha PC, Preethi N, Premchand Reghuvaran, Puneet Dhar, Pushpa CR, Pushpajan Ayillith Meleveetil, Pushpa Puliyeri, Rahul Nair, Rahul Rajeevan, Rajaguru M, Rajarajan V, Rajasree Vasudevan, Rajeesh Leo, Rajendran TM, Rajesh Krishnan, Rajesh Radhakrishnan, Raju Kidoor, Raju Sankaran, Rameez Elm, Ramesh Iyer, Ramesh M, Ram Mohan Angadipuram, Rangasamy Muthusamy, Raphy Kallettumkara, Ratheesh Kodungallur, Ratheesh Nest, Rathish RL, Raveendran KC, Ravi PN, Rayyan Adam, Regin George, Reji Chandran, Rejitha V, Remya Mohan, Renjan Mathew Varghese, Renjith V J, Renju TR, Renuka Vijayaraghavan, Revathy Reji, Ribish Thomas, Rinsha Siniya U, Riyan Konkath, Robin Antony, Robin C Koshy, Rohan Rai, Ronny Augustine, Roshin Tom, Roshnath R, Sabarish D, Sabeer Mampad, Sachin Chandran, Sachin K Aravind, Sachin Krishna MV, Sadr Hassan, Saeed Anvar Ali MV, Sagu Rafeeq, Sahana M, Sahil Salim, Sajeev Krishnan, Sajin Seethi, Sajitha Siril, Sajith KM, Sajith Komath, Sajith Mannar, Saleem Ali Parambatt, Sali Kutty, Samarth Bharadwaj, Sampath Shanthipalla, Samson Kirubakaran, Samuel George, Sanal VK, Sancia Morris, Sandeep Augustine, Sandeep Das, Sandeep Krishna Das, Sandeep Sathyan, Sandra PR, Sangeetha AB, Sanooj MS, Santhosh Kallingal, Santhosh Kumar, Sanu Raj, Sarath Babu NB, Sashi Kumar, Sasidharan Manekkara, Satheesan KV, Satheesh Pullippadam, Sathi Nair, Sathyan Meppayur, Sathya Priya Ganesh Kumar, Saurabh Sawant, Sedhulakshmi K Unni, Selvaganesh K, Selvaraj Rangasamy, Shagil Kannur, Shahel AZ, Shahil K, Shahina Nowshad, Shah Jahan, Shahul Valasi, Shameem AP, Shameena S, Sharang Satish, Sharique Pannippara, Shebin C, Shibil OS, Shibi Moses, Shibu Kakkattu, Shijith S, Shiju Babu, Shobi Jose, Shruthi Venkatesan, Shwe Ta, Shwetha Bharathi, Siby Nostalgia, Siddhesh Bhor, Sidharth S Nambiar, Siji PK, Siju Joseph, Silpa AR, Sivadas Chettur, Sivakumar AK, Sivaprasad R, Sivashankar Ramachandran, Siyad A Karim, Smitha Sasi, Smitha S Govind, Sneha G Ajay, Solomon Raj Inbanathan, Soni Nambiar, Sooraj Narayanan, Soumya B, S Prasanth Narayanan, Sreebin PS, Sreechand V, Sreedevi A, Sreehari K Mohan, Sreehari M Pillai, Sreehari Neelamperoor, Sreekanth P, Sreekumar ER, Sreekumar K Govindankutty, Sreekumar Mahe, Sreelakshmi Subhash, Sreelal K

Mohan, Sreepavithra Thilak, Srinila Mahesh KT, Sri Sowmiya Murugesan, Sriitha AG, Sruthy S, SS Prasanth, Subair MP, Subin KS, Subin Sudheendran, Subramanian B, Sudeep R, Sudhakaran KK, Sudheesh Mohan, Sudheesh PD Divakaran, Sujeesh P, Sujith S, Sujith V Gopalan, Sumesh KV, Sumesh PB, Sumi Panniannur, Suraj SR Palode, Suresh AC, Suresh Janardhanan, Suryamol Sukumaran, Susanth Madapurakkal, S Vishnusankar, Swathi Chandramohan, Swetha Menon, Syamili Manoj, Tarun Menon, Tejas Praveen, Thanigaivel Annamalai, Thejas JS, Thomas Abraham, Tijo Thomas, Tilak Sura, Tony Antony, TR Shankar Raman, TS Prasanth, Tubin Babu, Ullas S Menon, Ullas UR, Uma Venkatesan, Ummer Maliyakkal, Unais Valiyora, Vaisakh George, Varsha Karumampoyil, Varun Vijayakumar, Velayudhan C, Venugopalan R, Venugopala Prabhu S, Vidhuram N, Vidya Raju, Vignesh B Sivan, Vijayakumar TT, Vijaya Lakshmi, Vijaykumar Krishnamurthy, Vijay RJ, Vijesh Vallikunnu, Vineeth Kumar CM, Vineeth Viswanath, Vinodh Kambalathara, Vinod KT, Vinod Kumar, Vinod Kumar PK, Vinod Ooralath Sivaji, Vinod Venugopal, Vipin CG, Vipin V Nath, Vishnu B Onam, Vishnudas CK, Vishnu Dev RS, Vishnu Hari, Vishnu K, Vishnu Mohanan, Vishnu Murali, Vishnu Narayanan, Vishnupriyan Kartha, Vishnu Sreejith, Vishnu Vinod, Vivek Chandran, Vivek Puliyeri, Vivek Sudhakaran, Vridhi R, Wahiba Irshad Humam, Yadhu Krishna, Yadu, Yadukrishna J Uchummal, Yahyaharoon KP, Yedu Rajeev, and Yousaf Olavilam. Visiting every nook and corner of the state, finding the right sub-cells and covering all habitats and repeating it for two seasons is a remarkable effort.

This book was printed with generous support from Antrix Corporation Limited (ACL). ACL is a government-owned company under the Department of Space, Government of India. ACL was awarded 'Miniratna' status by the government in 2008. We place on record our deepest gratitude to Antrix Corporation Limited, and particularly to Mr. Rakesh Sashibhushan, the CMD of ACL for the generous support.

It has been an amazing team work that the Kerala birding fraternity have demonstrated and together we have made a historic accomplishment.

Praveen J
PO Nameer

Introduction

Distribution of a living being in space and time is best visualised as a dynamic map depicting where and when it occurs. An atlas is a simplified view of the actual distribution of a species for a certain geographical area at a well-specified period of time. A bird atlas is a visualisation that shows where all our birds are found, how often they are found and in what periods of the year they are found.

Systematic bird atlases, following a common protocol, have been attempted in a few countries like United Kingdom apart from several states in the United States. In India, Mysore city has produced a similar bird atlas for the neighbourhood of the city corporation. However, such a project to cover an entire state has never been attempted in India. Using the Mysore city atlas as a precursor, in 2015, bird-watchers of Kerala embarked on a project to cover the entire state through systematic sampling to provide a blueprint of the birds found in the region. This project, titled 'Kerala Bird Atlas', has been completed in 2020 to become the Asia's largest bird atlas.

Kerala Bird Atlas Project

Kerala Bird Atlas is an ambitious project to map the distribution and abundance of birds of the state of Kerala. Envisaged as a five year activity during a workshop conducted at Thrissur in June 2015 where several active birdwatchers from Kerala participated, the Bird Atlas has generated more insights into the abundance and distribution of common birds, which was poorly understood until now. By repeating the process after decade, it will be possible to scientifically document the changes in the distribution and abundance of our birds over a period of time.

In the political map of Kerala which spans 38,863 km², more than 3000 locations (known as subcells) were surveyed for an hour in each of two seasons to complete the atlas project. The data from the subcells is aggregated into 775 cells. At the end of the atlas surveys, 739 (95.35%) cells were covered in the dry season and 625 (80.65%) were covered in the wet season.

Methodology

Seasonal Sampling

Bird atlas surveys were carried out twice a year, in the wet season (mid July to mid September) and the dry season (mid January to mid March). Each seasonal bout lasted 60 days, which included nine weekends. Dry season surveys began in 2016 and ended in 2020 (five cycles). Wet season surveys commenced in 2015 and ended in 2020 (six cycles; to compensate for the loss of survey time due to severe floods in 2018). The target was for each subcell to be visited once per season over the course of the Atlas period.

Spatial Sampling

The entire state of Kerala was divided into grids of size 6.6 km x 6.6 km. This corresponds to a geospatial unit of 3.75 minutes x 3.75 minutes. Each grid was divided into four quadrants of size 3.3 km x 3.3 km. Each quadrant was further divided into 9 subcells of size 1.1 km x 1.1 km. A single randomly selected subcell in every quadrant was chosen for sampling.

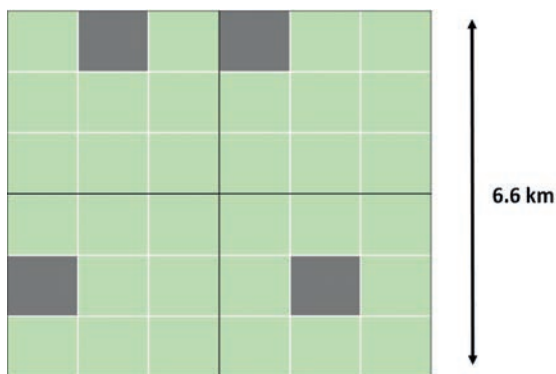


Figure 1: Randomly selected subcells in a grid

Survey Protocol

A team of birdwatchers with a minimum of two birders and a maximum of five birders sampled the selected subcells. Each birdwatcher team had at least one birdwatcher who could identify most birds of the region. Each subcell had four checklists created and all of them were uploaded into a centralised online database of eBird (www.ebird.org/india). Each checklist was of a fixed duration of 15 minutes that recorded all bird species seen or heard (i.e. complete lists) and completed by walking through a path inside the subcell (i.e. traveling protocol). Teams attempted to cover all habitat types inside a subcell while doing these lists. Whenever possible, multiple teams split the responsibility of covering a subcell to reduce observer bias. Whenever possible, teams attempted to avoid doing all the lists in a subcell on a same day to reduce bias due to transient weather conditions. Birdwatching times were generally expected to be 6:00-10:00hrs and 14:00-16:00hrs. However individual teams were left to decide the best times of the day for birding in each subcell based on the habitat, disturbance levels and bird abundance. Some subcells were resampled if the lists were not representative due to unforeseen conditions like rain, disturbances, wind, etc. and this was decided after a discussion between the coordinator and the lead birdwatcher from the team. A total of 63 forest subcells were found to be located at inaccessible valleys and had to be replaced.

Other Notes

Apart from birds, volunteers were requested to report the presence/absence of some additional parameters in each of their lists. They took note of the presence of any waterbody which was approximately greater than 10m². They also recorded if it was standing or flowing water. Presence/absence of any strangler fig trees which were fruiting during the time of the survey were also recorded. Presence/absence of four invasive plants, viz. *Lantana camara*, *Eichhornia crassipes*, *Salvinia molesta*, and *Mikania micrantha* were also noted by bird watchers. The intention behind collecting these pieces of data was to generate additional ecological information about the surveyed subcells.

Planning and Tracking

KBA was fully carried out as a volunteer activity by birdwatchers. They ranged from pre-teens to sexagenarians. Regional organisations active in each district took up the task to conduct atlas surveys and nominated their district coordinators. District coordinators were a part of the central team at state level and liaised with birdwatchers in their local regions. They took part in overall decision making on protocol definition, technology/tool selection, planning, tracking, quality control and result reviews.

Geospatial files (KML) of the selected subcells and their boundaries were created. They were tagged with numbers and names. Many districts ran a prototype of the atlas, sampling a small portion of the actual subcells, six months prior to the actual atlas to see the viability of the protocol. First four years were focused in executing the atlas district by district while in the last year the groups combined to form state-wide teams to cover the pending subcells. District coordinators conducted a series of meetings with birdwatchers from different parts of the district, explaining the protocol and division of work. Sites were identified using Google Maps, teams were formed based on access points and deadlines communicated. Locus Free, an Android app was used by several birdwatchers who wanted to find the sub cell while their phone was not connected to internet. After the survey, their results were uploaded to eBird and list link was updated in an online spreadsheet. A visualisation using Google Maps was created online to track the progress of the subcell coverage and plan further. Weekly progress was tracked until all the designated subcells were surveyed to satisfactory levels.

Analysis

All eBird lists were reviewed by the district coordinators for protocol, location and duration. Flagged observations were discussed with the observers and appropriate actions were taken. Reviewed eBird lists were downloaded from eBird portal and density maps created offline for dry and wet season separately. Data was analysed at the cell level (6.6 km x 6.6 km) and this would amount to 16 lists (4 lists from each quadrant). In certain cells which did not fall completely in the state and were shared with the neighbouring state or the Arabian Sea, the number of lists would be less than 16. Frequency of a species is the proportion of lists in which a particular species was reported. All eBird lists since 2015 uploaded from Kerala were downloaded to create seasonality charts for the species reported during the atlas. Non-bird data are not presented in this report, and will be analysed separately.

Taxonomy followed is Clements (2019) and English names follow English (India) version of Clements (2019). Malayalam names are as per Chandran et al. (2020). Data recorded as spuhs (species groups like White Egret sp.) or slashes (like Ashy/Black Drongo) were not used in analysis except for Green/Greenish Warbler – a case where likelihood of misidentification is very high.

How to Read the Visualisations

Figure 2 explains how to read the visualisations provided with this atlas

1: Each cell in this map is a 6.6 km x 6.6 km cell and the colour intensity is proportional to the percentage of lists from the cell where the species has occurred. Cells in grey are unsurveyed.

2: The two bars (one for each season) shows the percentage of lists where it is present, in dry and wet season.

3: The seasonality graph is sectored week wise and it indicates the percentage of lists where a species is reported in all eBird complete lists from Kerala in that week since the year 2015.

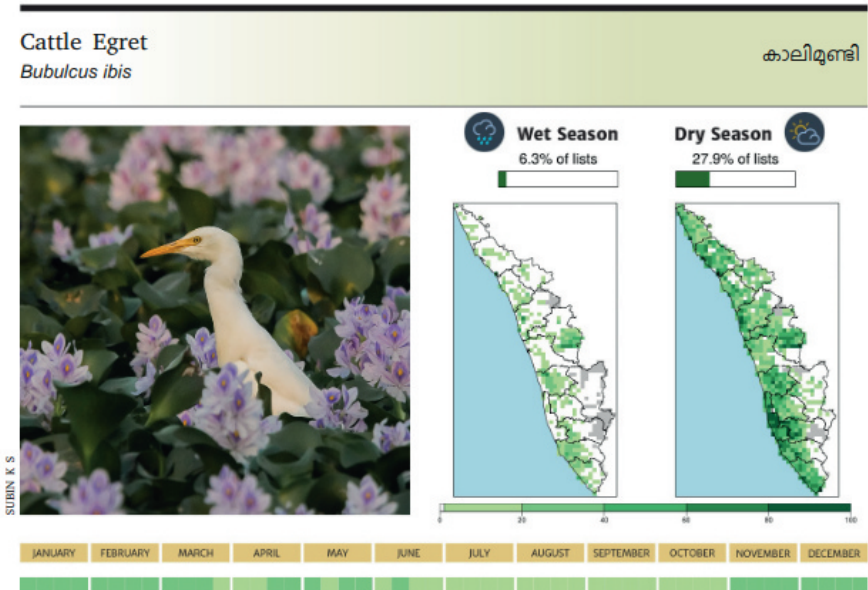


Figure 2: How to Read the Visualisations

Bird Atlas Survey – Results and Discussion

A total number of 379 species of birds was recorded during the Bird Atlas survey in Kerala. This comes to more than 70% of the total species of birds ever recorded in Kerala. Out of this 114 species (30%) are migrants. 265 species (70%) of the birds are residents or local migrants.

Threatened Birds

Out of the 63 species of birds belonging to the threatened category of IUCN known from Kerala (as on September 2020), 35 species were encountered during the Atlas survey (Table 1). Conservation of these birds is extremely important and this bird atlas gives information on the distribution and seasonality of occurrence of these birds in the state.

Table 1. Threatened Birds in Kerala

No	Common Name	Scientific Name	IUCN Red List Status
1	Nilgiri Wood-Pigeon	<i>Columba elphinstonii</i>	Vulnerable
2	Eurasian Oystercatcher	<i>Haematopus ostralegus</i>	Near Threatened
3	Eurasian Curlew	<i>Numenius arquata</i>	Near Threatened
4	Bar-tailed Godwit	<i>Limosa lapponica</i>	Near Threatened
5	Black-tailed Godwit	<i>Limosa limosa</i>	Near Threatened
6	Curlew Sandpiper	<i>Calidris ferruginea</i>	Near Threatened
7	Great Thick-knee	<i>Esacus recurvirostris</i>	Near Threatened
8	River Tern	<i>Sterna aurantia</i>	Near Threatened
9	Swinhoe's Storm-Petrel	<i>Oceanodroma monorhis</i>	Near Threatened
10	Woolly-necked Stork	<i>Ciconia episcopus</i>	Vulnerable
11	Lesser Adjutant	<i>Leptoptilos javanicus</i>	Vulnerable
12	Painted Stork	<i>Mycteria leucocephala</i>	Near Threatened
13	Oriental Darter	<i>Anhinga melanogaster</i>	Near Threatened
14	Spot-billed Pelican	<i>Pelecanus philippensis</i>	Near Threatened
15	Black-headed Ibis	<i>Threskiornis melanocephalus</i>	Near Threatened
16	Red-headed Vulture	<i>Sarcogyps calvus</i>	Critically Endangered
17	White-rumped Vulture	<i>Gyps bengalensis</i>	Critically Endangered
18	Rufous-bellied Eagle	<i>Lophotriorchis kienerii</i>	Near Threatened
19	Indian Spotted Eagle	<i>Clanga hastata</i>	Vulnerable
20	Greater Spotted Eagle	<i>Clanga clanga</i>	Vulnerable

KERALA BIRD ATLAS

No	Common Name	Scientific Name	IUCN Red List Status
21	Steppe Eagle	<i>Aquila nipalensis</i>	Endangered
22	Pallid Harrier	<i>Circus macrourus</i>	Near Threatened
23	Lesser Fish-Eagle	<i>Haliaeetus humilis</i>	Near Threatened
24	Malabar Pied-Hornbill	<i>Anthracoceros coronatus</i>	Near Threatened
25	Great Hornbill (Great Pied-Hornbill)	<i>Buceros bicornis</i>	Vulnerable
26	Broad-tailed Grassbird	<i>Schoenicola platyurus</i>	Vulnerable
27	Grey-headed Bulbul	<i>Brachypodius priocephalus</i>	Near Threatened
28	Yellow-throated Bulbul	<i>Pycnonotus xantholaemus</i>	Vulnerable
29	Tytler's Leaf Warbler	<i>Phylloscopus tytleri</i>	Near Threatened
30	Banasura Laughingthrush (Banasura Chilappan)	<i>Montecincla jerdoni</i>	Endangered
31	Nilgiri Laughingthrush (Nilgiri Chilappan)	<i>Montecincla cachinnans</i>	Endangered
32	Palani Laughingthrush (Palani Chilappan)	<i>Montecincla fairbanki</i>	Near Threatened
33	Ashambu Laughingthrush (Ashambu Chilappan)	<i>Montecincla meridionalis</i>	Vulnerable
34	White-bellied Sholakili	<i>Sholicola albiventris</i>	Vulnerable
35	Nilgiri Pipit	<i>Anthus nilghiriensis</i>	Vulnerable

Endemic Birds

Endemic birds are species which are found only in one geographic region and nowhere else in the world. The Western Ghats is one such area and has 26 endemic species of birds, as per the latest taxonomic classification (Clements 2019) and 25 are found in Kerala (Chandran et al. 2019). All 25 were reported during the bird atlas survey (Table 2.). Many of the endemic birds, as they have only a small area of geographical distribution, deserve highest priority for conservation. Conservation of their habitat is of utmost importance; all these birds belong to forest and high altitude grassland habitat.

Table 2. Birds Endemic to the Western Ghats recorded in Kerala

No	Common Name	Scientific Name
1	Nilgiri Wood-Pigeon	<i>Columba elphinstonii</i>
2	Grey-fronted Green-Pigeon (Pompadour Green-Pigeon)	<i>Treron affinis</i>
3	Malabar Grey Hornbill	<i>Ocyceros griseus</i>
4	Malabar Barbet (Crimson-throated Barbet)	<i>Psilopogon malabaricus</i>
5	Malabar Parakeet (Blue-winged Parakeet)	<i>Psittacula columboides</i>
6	Malabar Woodshrike	<i>Tephrodornis sylvicola</i>
7	White-bellied Treepie	<i>Dendrocitta leucogastra</i>
8	Broad-tailed Grassbird	<i>Schoenicola platyurus</i>
9	Grey-headed Bulbul	<i>Brachypodius priocephalus</i>
10	Flame-throated Bulbul (Ruby-throated Bulbul)	<i>Rubigula gularis</i>
11	Rufous Babbler	<i>Turdoides subrufa</i>
12	Wayanad Laughingthrush	<i>Ianthocincla delesserti</i>
13	Banasura Laughingthrush (Banasura Chilappan)	<i>Montecincla jerdoni</i>
14	Nilgiri Laughingthrush (Nilgiri Chilappan)	<i>Montecincla cachinnans</i>
15	Palani Laughingthrush (Palani Chilappan)	<i>Montecincla fairbanki</i>
16	Ashambu Laughingthrush (Ashambu Chilappan)	<i>Montecincla meridionalis</i>
17	Malabar Starling (Blyth's Starling)	<i>Sturnia blythii</i>
18	Nilgiri Thrush	<i>Zoothera neilgherriensis</i>
19	White-bellied Sholakili	<i>Sholicola albiventris</i>
20	White-bellied Blue Flycatcher	<i>Cyornis pallidipes</i>
21	Nilgiri Flycatcher	<i>Eumyias albicaudatus</i>
22	Black-and-orange Flycatcher	<i>Ficedula nigrorufa</i>
23	Nilgiri Flowerpecker	<i>Dicaeum concolor</i>
24	Crimson-backed Sunbird (Small Sunbird)	<i>Leptocoma minima</i>
25	Nilgiri Pipit	<i>Anthus nilghiriensis</i>

Species Richness

The bird species richness in all the grids of the state is shown in Fig. 3. While generally the diversity is uniform across the state, some of the densely populated districts like Thiruvananthapuram and Kozhikode have less species richness compared to the northern districts of Kasaragod and Kannur. The diverse habitats in certain pockets of Palakkad and Kasaragod provides different ecotones and niches suitable for a variety of species. Some of the hilly regions in Pathanamthitta, Idukki and Malappuram could not be covered during the wet season due to logistical reasons and poor weather conditions. These unsurveyed cells are shown in grey.

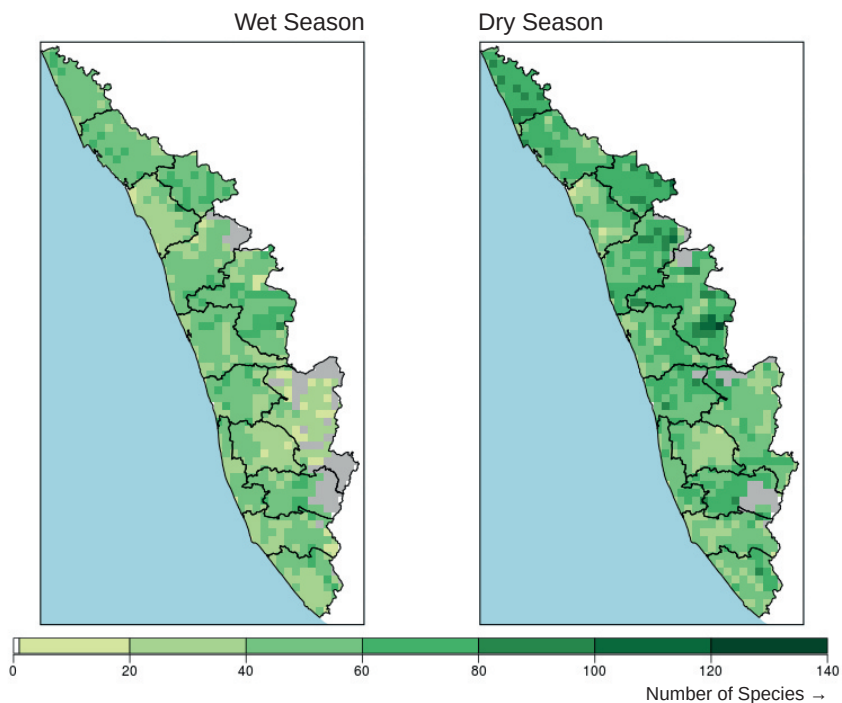


Figure 3: Number of species of birds seen in the different cells across Kerala

Species Maps and Seasonality

Lesser Whistling-Duck
Dendrocygna javanica

ചുളൻ എറണ

RAJU KIDDOOR



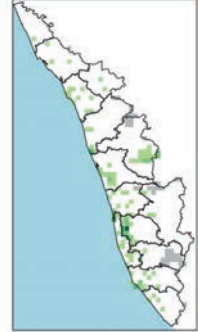
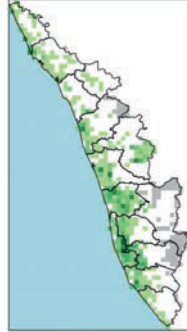
Wet Season

9.4% of lists



Dry Season

1.7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Knob-billed Duck (Comb Duck)
Sarkidiornis melanotos

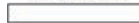
മുഴയൻ താറവ്

ANITH ANILKUMAR



Wet Season

< 0.1% of lists



Dry Season

0% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Cotton Pygmy-Goose (Cotton Teal)
Nettapus coromandelianus

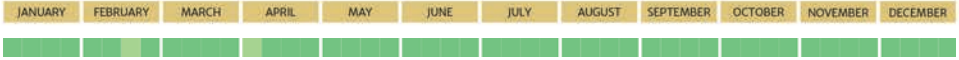
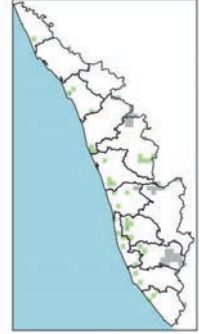
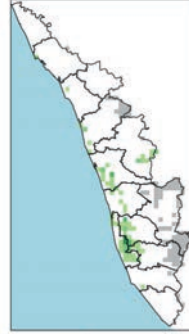
പച്ച എരണ്ട

JISHNU R



Wet Season
1.5% of lists

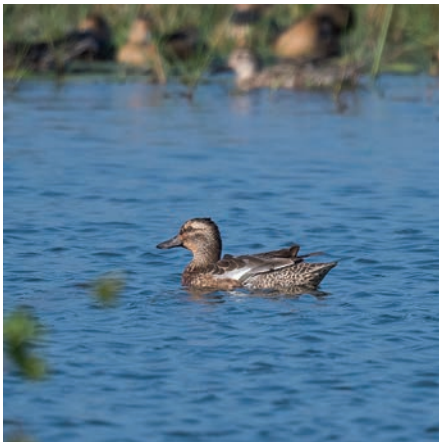
Dry Season
0.5% of lists



Garganey
Spatula querquedula

വരി എരണ്ട

ABHINAV CHANDRAN



Wet Season
< 0.1% of lists

Dry Season
0.3% of lists



Northern Shoveler

Spatula clypeata

കോരിച്ചുണ്ടൻ എരണ്ട

ASHOKRAJ VM



Wet Season
0% of lists

Dry Season
< 0.1% of lists



Indian Spot-billed Duck

Anas poecilorhyncha

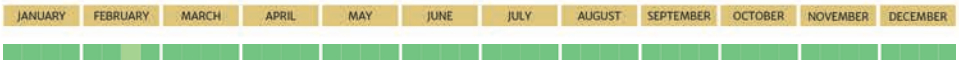
പുള്ളിച്ചുണ്ടൻ താവ്

JISHNU R



Wet Season
0.4% of lists

Dry Season
0.4% of lists



Northern Pintail

Anas acuta

വാലൻ എരണ്ട

NISHAD ESHAL



Wet Season

0% of lists



Dry Season

0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

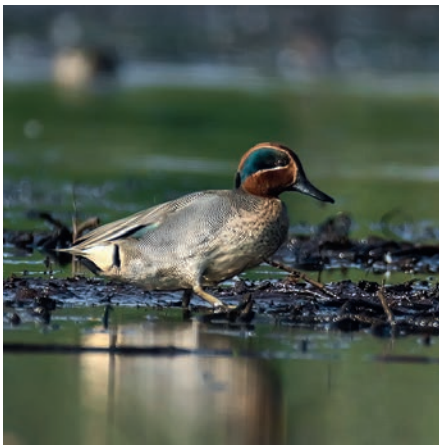


Green-winged Teal (Common Teal)

Anas crecca

പട്ടക്കണ്ണൻ എരണ്ട

ANITH ANILKUMAR



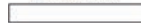
Wet Season

0% of lists



Dry Season

0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Peafowl

Pavo cristatus

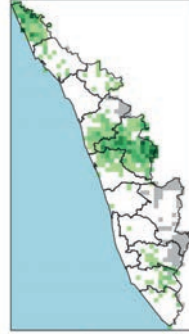
മയിൽ

JISHNU R



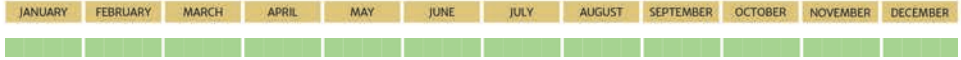
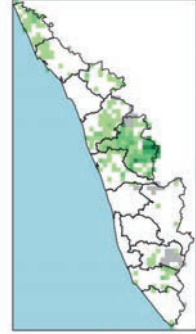
Wet Season

8.9% of lists



Dry Season

4.9% of lists



Red Spurfowl

Galloperdix spadicea

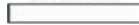
ചെമ്പൻ മുളളൻകോഴി

NAVANEETH NAIR



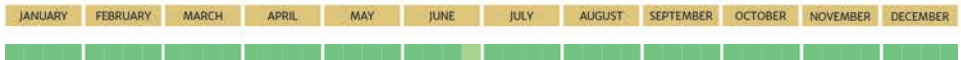
Wet Season

1.3% of lists



Dry Season

2% of lists



Painted Spurfowl
Galloperdix lunulata

പുള്ളി മുളൻകോഴി

SUJESH PUTHANVEETIL



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Rain Quail

Coturnix coromandelica

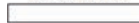
കരിമാറൻകാട

VINOD KAMBALATHARA



Wet Season

< 0.1% of lists



Dry Season

0% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Jungle Bush-Quail

Perdica asiatica

പൊന്തവരിക്കാട

ABHINAND CHANDRAN



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Painted Bush-Quail

Perdica erythrorhyncha

മേനിക്കാട

MOHAMMED SAYEER PK



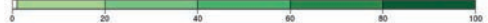
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Grey Francolin

Francolinus pondicerianus

കോഴിക്കാട

JISHNU R



Wet Season

0.7% of lists



Dry Season

0.6% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

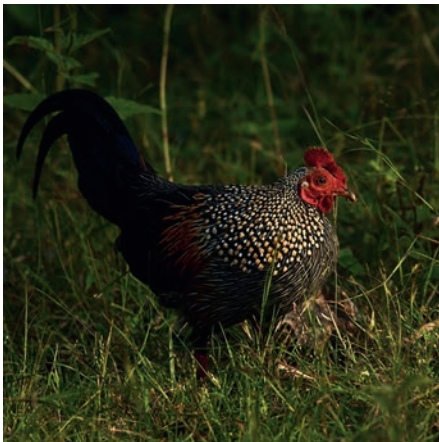


Grey Junglefowl

Gallus sonneratii

കാട്ടുകോഴി

VINEETH VISWANATH



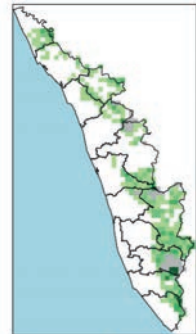
Wet Season

3% of lists



Dry Season

7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Greater Flamingo
Phoenicopterus roseus

വലിയ രാജഹംസം

SREEKUMAR K GOVINDANKUTTY



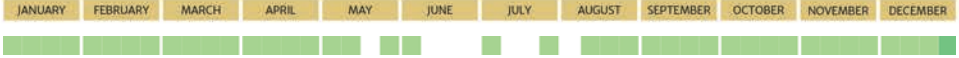
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Little Grebe

Tachybaptus ruficollis

മുങ്ങാങ്കോഴി

JISHNU R



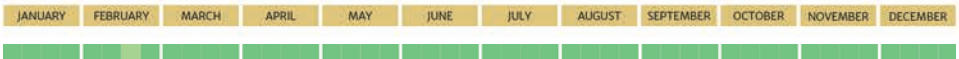
Wet Season

1.2% of lists



Dry Season

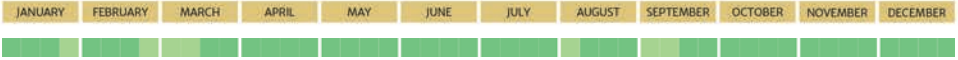
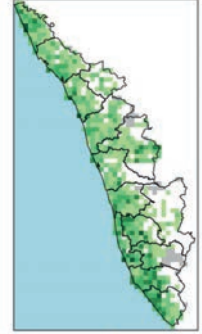
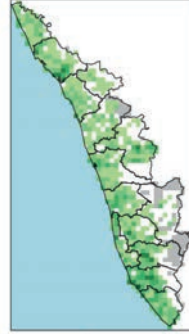
0.6% of lists



Rock Pigeon (Feral Pigeon)
Columba livia

അമ്പലപ്രാവ്

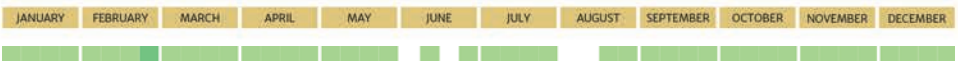
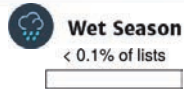
NESRU TIRUR



Nilgiri Wood-Pigeon
Columba elphinstonii

മരപ്രാവ്

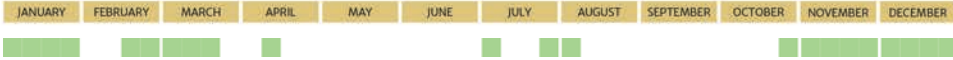
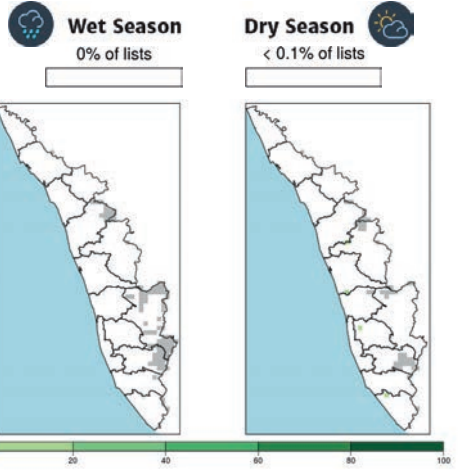
ASHISH MALATHUSSERIL SHAJI



Oriental Turtle-Dove
Streptopelia orientalis

ചെങ്ങാലിപ്രാവ്

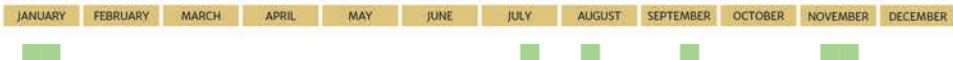
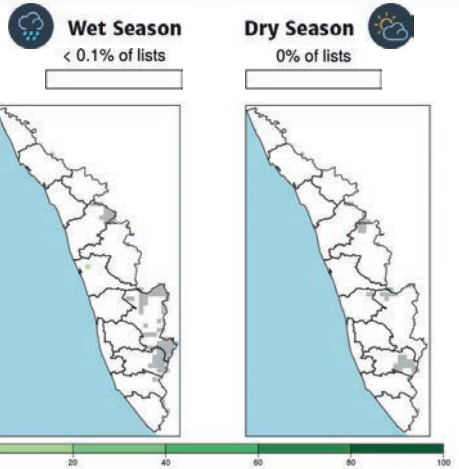
JISHNU R



Eurasian Collared-Dove
Streptopelia decaocto

പൊട്ടൻ ചെങ്ങാലിപ്രാവ്

VINOD KUMAR



Spotted Dove
Streptopelia chinensis

അരിപ്രാവ്

LATHISH R NATH



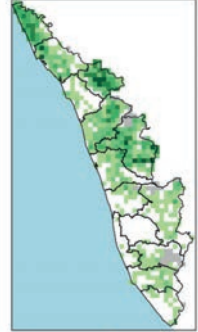
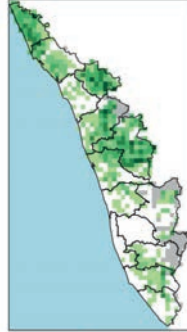
Wet Season

18.6% of lists



Dry Season

16.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Laughing Dove (Little Brown Dove)
Streptopelia senegalensis

തവിടൻ പ്രാവ്

JISHNU R



Wet Season

0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Asian Emerald Dove
Chalcophaps indica

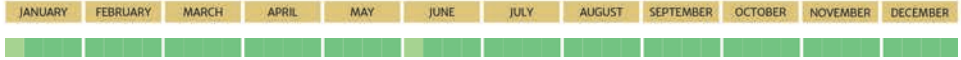
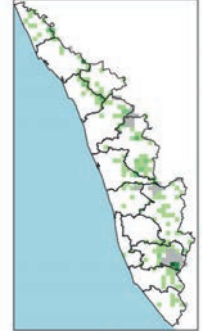
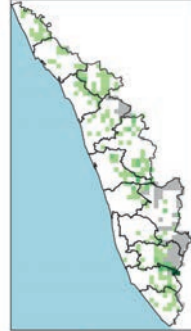
ഓമന പ്രാവ്



NISHAD ESHAL

Wet Season
3% of lists

Dry Season
2.4% of lists



Orange-breasted Green-Pigeon
Treron bicinctus

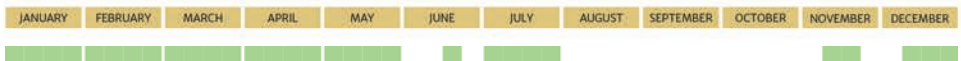
മഞ്ഞവരിയൻ പ്രാവ്



NESRU TIRUR

Wet Season
< 0.1% of lists

Dry Season
< 0.1% of lists



Grey-fronted Green-Pigeon (Pompadour Green-Pigeon)

ചാരവരിയൻ പ്രാവ്

Treron affinis

REJI CHANDRAN



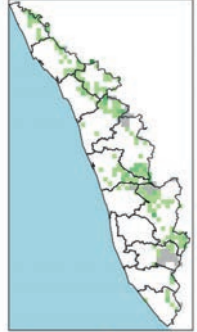
Wet Season

0.5% of lists



Dry Season

2.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Yellow-footed Green-Pigeon

മഞ്ഞക്കാലി പച്ചപ്രാവ്

Treron phoenicopterus

NESRU TIRUR



Wet Season

0.2% of lists



Dry Season

0.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Green Imperial-Pigeon

Ducula aenea

മേനി പ്രാവ്

KRISHNAKUMAR K IYER



Wet Season

0.7% of lists



Dry Season

1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Mountain Imperial-Pigeon

Ducula badia

പൊകണ പ്രാവ്

ABHINAND CHANDRAN



Wet Season

0.8% of lists



Dry Season

2.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Greater Coucal
Centropus sinensis

ഉപ്പൻ

VINOD KUMAR



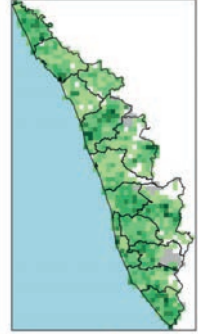
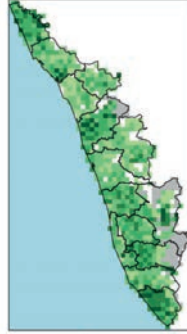
Wet Season

37.3% of lists



Dry Season

30.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Lesser Coucal
Centropus bengalensis

പല്ലപ്പൻ

SANTHOSH KALLINGAL



Wet Season

0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Sirkeer Malkoha
Taccocua leschenaultii

ചോരാച്ചുണ്ടൻ

BUJ P B



Wet Season

0% of lists



Dry Season

< 0.1% of lists



Blue-faced Malkoha
Phaenicophaeus viridirostris

പച്ചച്ചുണ്ടൻ

SREEJESH K NAIR



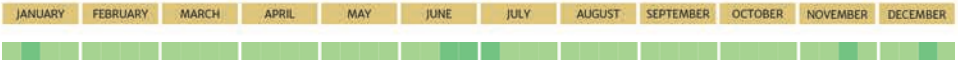
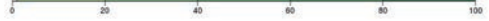
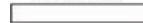
Wet Season

0.4% of lists



Dry Season

0.5% of lists



Pied Cuckoo (Jacobin Cuckoo)
Clamator jacobinus

കൊമ്പൻകയിൽ

VIVEK SUDHAKARAN



Wet Season
< 0.1% of lists

Dry Season
0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Asian Koel
Eudynamys scolopacea

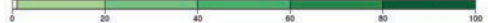
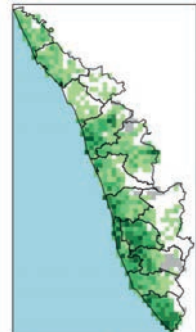
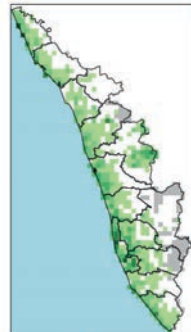
നാട്ടുകയിൽ

JISHNU R



Wet Season
12.4% of lists

Dry Season
25.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Banded Bay Cuckoo
Cacomantis sonneratii

ചെങ്കുഴിയിൽ

MOHAMMED SAYEER PK



Wet Season

0.1% of lists



Dry Season

0.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Grey-bellied Cuckoo
Cacomantis passerinus

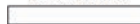
ചെങ്കുഴിയിൽ

ASHOKRAJ V M



Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



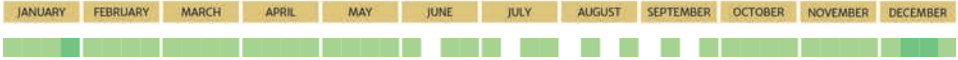
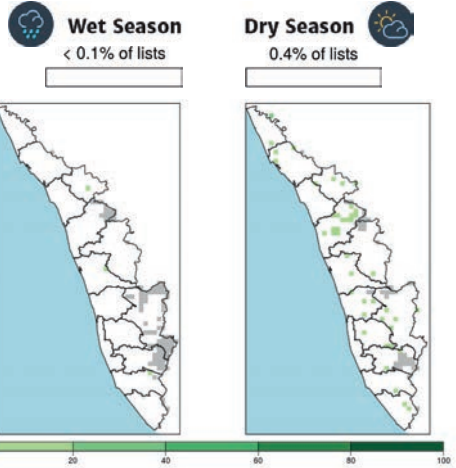
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Fork-tailed Drongo-Cuckoo
Surniculus dicruroides

കാക്കത്തമ്പുരാട്ടിക്കയിൽ

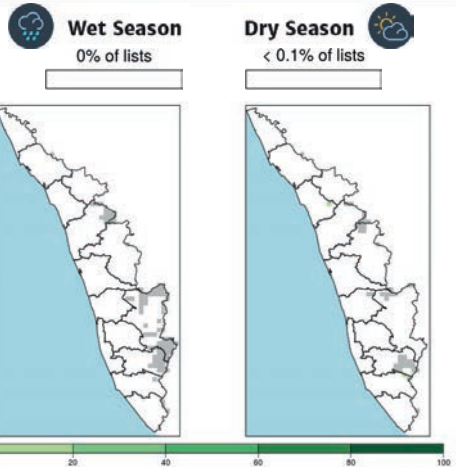
ABHINAND CHANDRAN



Large Hawk-Cuckoo
Hierococcyx sparveroides

വലിയ പേക്കയിൽ

MOHAMMED SAYEER PK



Common Hawk-Cuckoo

Hierococcyx varius

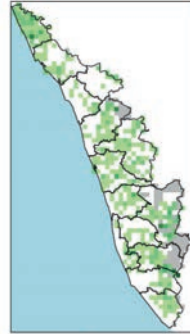
പേക്കയിൽ

MURALI MOHAN



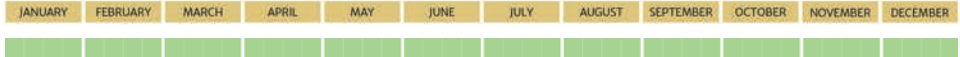
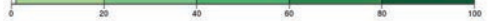
Wet Season

7.5% of lists



Dry Season

5.8% of lists



Indian Cuckoo

Cuculus micropterus

വിഷ്ണുപ്പക്ഷി

ABHINAND CHANDRAN



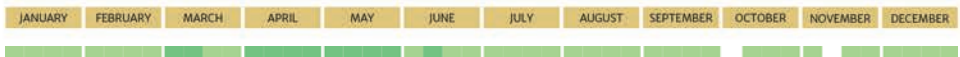
Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



Sri Lanka Frogmouth
Batrachostomus moniliger

മാക്കാച്ചിക്കോട്

MAXIM RODRIGUES K



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Great Eared-Nightjar
Lyncornis macrotis

ചെവിയൻ രാച്ചുക്ക്

SANDEEP SASIDHARAN



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



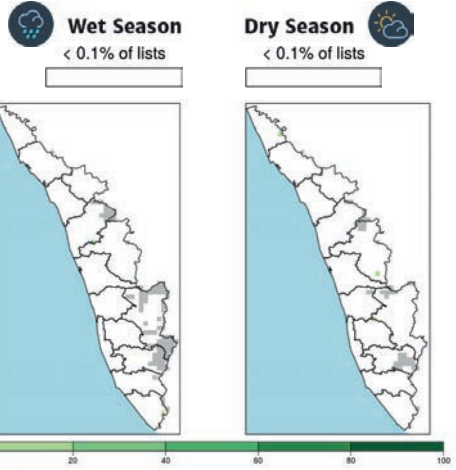
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Jungle Nightjar (Indian Jungle Nightjar)
Caprimulgus indicus

കാട്ടുരാച്ചൽ

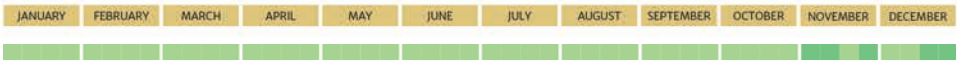
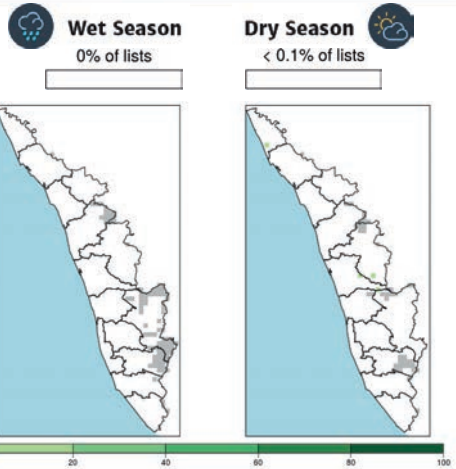
ABHINAND CHANDRAN



Jerdon's Nightjar
Caprimulgus atripennis

രാചഗുങ്ങൻ

MOHAMMED SAYEER PK



Savanna Nightjar
Caprimulgus affinis

ചുയിരാച്ചുക്ക്

SREEKUMAR K GOVINDANKUTTY



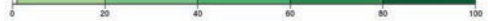
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



White-rumped Needletail (White-rumped Spinetail)
Zoonavena sylvatica

ചെറിയ മുൾവാലൻ ശരപ്പക്ഷി

VIVEK PULIYER



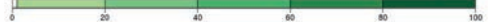
Wet Season

0.2% of lists



Dry Season

0.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Brown-backed Needletail
Hirundapus giganteus

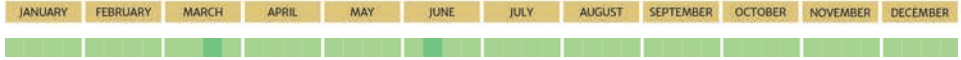
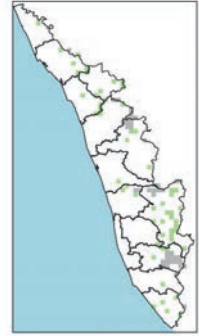
വലിയ മുൾവാലൻ ശരപ്പക്ഷി



MOHAMMED SAYEER PK

Wet Season
0.3% of lists

Dry Season
0.6% of lists



Indian Swiftlet
Aerodramus unicolor

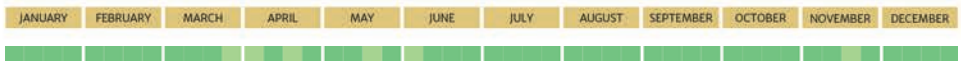
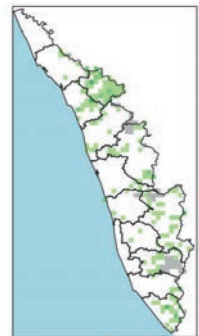
ചിത്രകൂടൻ ശരപ്പക്ഷി



ABHINAND CHANDRAN

Wet Season
3.2% of lists

Dry Season
2.3% of lists



Alpine Swift
Apus melba

വെള്ളവയറൻ ശരപ്പക്ഷി

SHAMEEM MANJERI



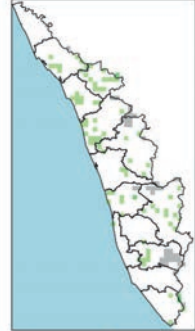
Wet Season

0.2% of lists



Dry Season

0.9% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Blyth's Swift (Fork-tailed Swift)
Apus leuconyx

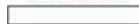
ഹിമാലയൻ ശരപ്പക്ഷി

MOHAMMED SAYEER PK



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Little Swift (Indian House Swift)
Apus affinis

അമ്പലപ്പുഴ

NAVEENAL PAYERI



Wet Season

1.3% of lists



Dry Season

1.9% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Asian Palm-Swift
Cypsiurus balasiensis

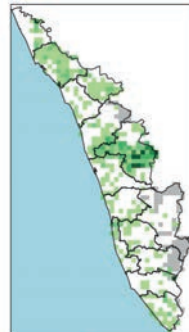
പനങ്കുളൻ

ABHINAND CHANDRAN



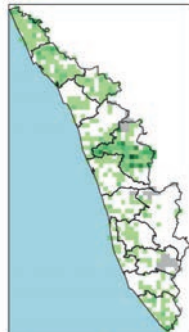
Wet Season

8.1% of lists



Dry Season

7.7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Crested Treeswift
Hemiprocne coronata

കൊമ്പൻ ശരപ്പക്ഷി

ABHINAND CHANDRAN



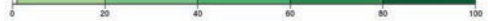
Wet Season

0.4% of lists



Dry Season

0.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Slaty-breasted Rail
Lewinia striata

നീലമാറൻ കുളക്കോഴി

JISHNU NARAYANAN



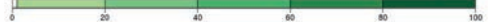
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Eurasian Moorhen
Gallinula chloropus

പട്ടക്കോഴി

JISHNU R



Wet Season

0.1% of lists



Dry Season

0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Eurasian Coot
Fulica atra

വെള്ളക്കൊക്കൻ കുളക്കോഴി

VILESH VALLIKUNNU



Wet Season

0.3% of lists



Dry Season

0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Grey-headed Swampfen (Purple Swampfen)
Porphyrio poliocephalus

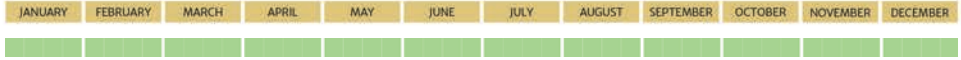
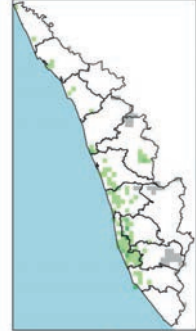
നീലഭുക്കാഴി



JISHNU R

Wet Season
2.3% of lists

Dry Season
1.5% of lists



Watercock
Gallicrex cinerea

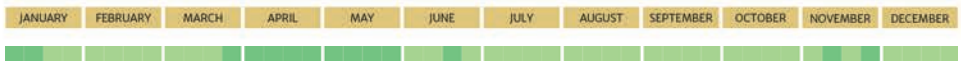
തീപ്പെരിക്കണ്ണൻ



NISHAD ESHAL

Wet Season
0.1% of lists

Dry Season
0.1% of lists



White-breasted Waterhen
Amaurornis phoenicurus

കളഭകോഴി

AFSAR NAYAKKAN



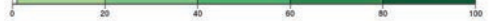
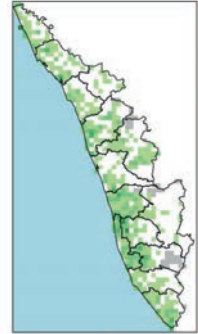
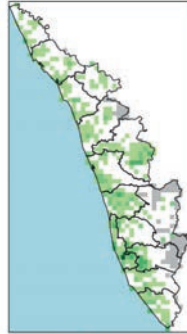
Wet Season

7.2% of lists



Dry Season

8.5% of lists



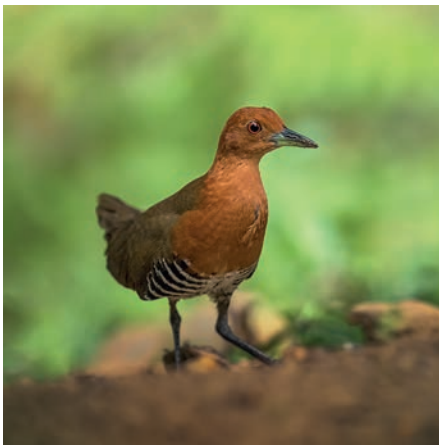
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Slaty-legged Crake
Rallina eurizonoides

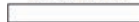
തവിടൻ നെല്ലിക്കോഴി

SANDEEP SASIDHARAN



Wet Season

< 0.1% of lists



Dry Season

0% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Ruddy-breasted Crake
Zapornia fusca

ചുവന്ന നെല്ലിക്കോഴി

ABHINAV CHANDRAN



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Thick-knee (Indian Stone-curlew)
Burhinus indicus

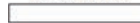
വയൽക്കണ്ണൻ

C R PUSHPA



Wet Season

< 0.1% of lists



Dry Season

0% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

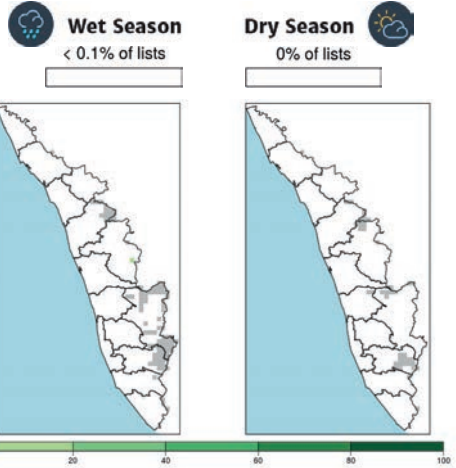


Great Thick-knee (Great Stone-curlew)
Esacus recurvirostris

പെരുങ്കൊക്കൻ പ്ലോവർ



NISHAD ESHAL

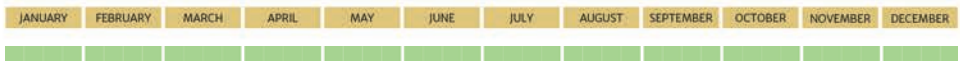
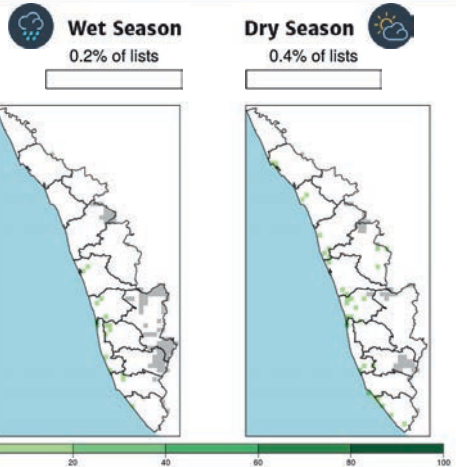


Black-winged Stilt
Himantopus himantopus

പവിഴക്കാലി



MUKUNDAN KIZHAKEMADHAM



Eurasian Oystercatcher
Haematopus ostralegus

കടൽമണ്ണാതി

ABHINAND CHANDRAN



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black-bellied Plover (Grey Plover)
Pluvialis squatarola

ചാരമണൽക്കോഴി

VILESH VALLIKUNNU



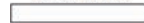
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Pacific Golden-Plover

Pluvialis fulva

പൊൻമണൽകോഴി

YADU PRASAD



Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Yellow-wattled Lapwing

Vanellus malabaricus

മഞ്ഞക്കണ്ണി തിത്തിരി

ABHINAND CHANDRAN



Wet Season

0.3% of lists



Dry Season

0.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Grey-headed Lapwing
Vanellus cinereus

ചാരത്തലയൻ തിത്തിരി

RAYEES RAHMAN



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Red-wattled Lapwing
Vanellus indicus

ചെങ്കണ്ണി തിത്തിരി

SHABEER V BASHEER



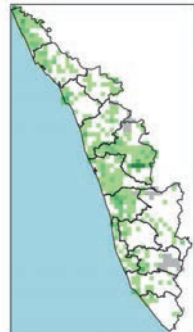
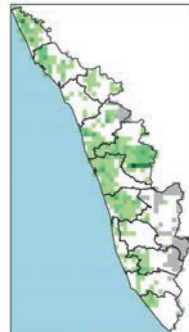
Wet Season

8% of lists



Dry Season

7.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Lesser Sand-Plover
Charadrius mongolus

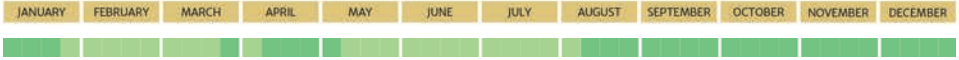
മംഗോളീയൻ മണൽക്കോഴി

ANEESH SASIDEVAN



Wet Season
< 0.1% of lists

Dry Season
0.2% of lists



Greater Sand-Plover
Charadrius leschenaultii

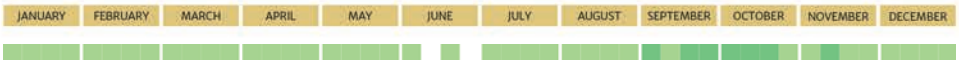
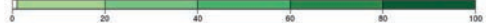
വലിയ മണൽക്കോഴി

ABHINAND CHANDRAN



Wet Season
< 0.1% of lists

Dry Season
0.1% of lists



Kentish Plover
Charadrius alexandrinus

ചെറുമണൽക്കോഴി

MOHAMMED HIRASH



Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Common Ringed Plover
Charadrius hiaticula

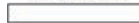
വലിയ മോതിരക്കോഴി

NISHAD ESHAL



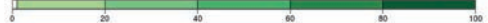
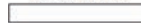
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Little Ringed Plover

Charadrius dubius

ആറ്റുമണൽകോഴി

NISHAD ESHAL



Wet Season
< 0.1% of lists

Dry Season
0.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Greater Painted-Snipe

Rostratula benghalensis

കാളിക്കാട

ANITH ANILKUMAR



Wet Season
< 0.1% of lists

Dry Season
< 0.1% of lists



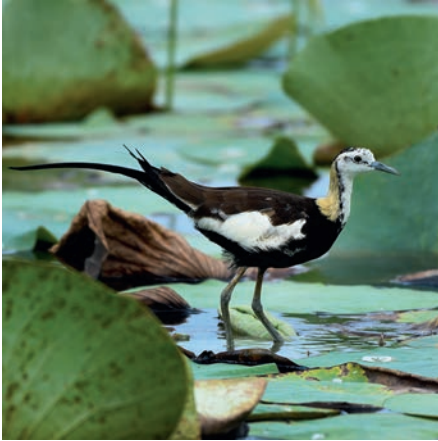
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Pheasant-tailed Jacana
Hydrophasianus chirurgus

വാലൻ താമരക്കൊഴി

REJI CHANDRAN



Wet Season
0.2% of lists

Dry Season
0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Bronze-winged Jacana
Metopidius indicus

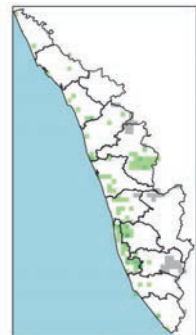
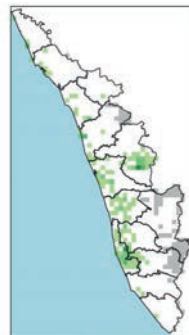
നാടൻ താമരക്കൊഴി

PRASHANTHA KRISHNA MC



Wet Season
2.7% of lists

Dry Season
1.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Whimbrel

Numenius phaeopus

തെറ്റിക്കൊക്കൻ

FASLU RAHMAN



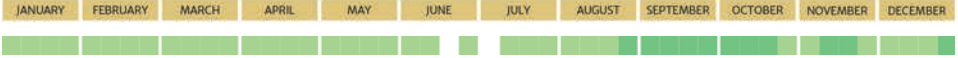
Wet Season

0.2% of lists



Dry Season

< 0.1% of lists



Eurasian Curlew

Numenius arquata

വാൾക്കൊക്കൻ

ABHINAND CHANDRAN



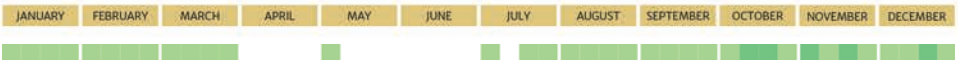
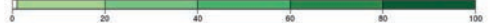
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Bar-tailed Godwit

Limosa lapponica

വരവാലൻ സ്കാപ്പ്

ABHINAND CHANDRAN



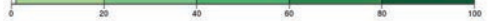
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

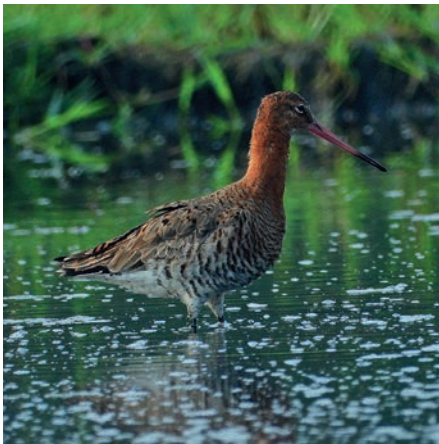


Black-tailed Godwit

Limosa limosa

പട്ടവാലൻ സ്കാപ്പ്

KRISHNAKUMAR K IYER



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Ruddy Turnstone
Arenaria interpres

കല്ലുതടിക്കാട്

NESRU TIRUR



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Ruff
Calidris pugnax

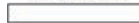
ബഹുവർണ്ണൻ മണലുതി

NISHAD ESHAL



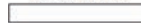
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Curlew Sandpiper
Calidris ferruginea

കടൽക്കാട്

SUBIN MANAKKODY



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Temminck's Stint
Calidris temminckii

ടെമ്മിങ്കി മണലൂതി

NESRU TIRUR



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Sanderling
Calidris alba

തിരക്കാട്

MOHAMMED SAYEER PK



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Little Stint
Calidris minuta

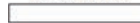
കുരുവി മണലൂതി

ABHINAND CHANDRAN



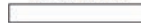
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Common Snipe
Gallinago gallinago

വിശദീകരിക്കാൻ ചുണ്ടൻകാട

MUKUNDAN KIZHAKKEMADHAM



Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



Pin-tailed Snipe
Gallinago stenura

മുൾവാലൻ ചുണ്ടൻകാട

KRISHNAKUMAR K IYER



Wet Season

< 0.1% of lists



Dry Season

0.3% of lists



Terek Sandpiper
Xenus cinereus

ടെറക് മണലൂതി

ABHINAND CHANDRAN



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Common Sandpiper
Actitis hypoleucos

നീർക്കാട

MAXIM RODRIGUES K



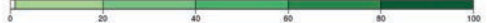
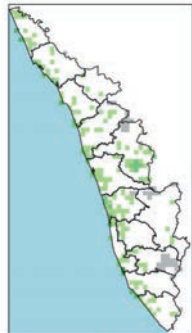
Wet Season

0.8% of lists



Dry Season

2.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Green Sandpiper
Tringa ochropus

കരിമ്പൻ കാടക്കൊക്ക്

KRISHNAKUMAR K IYER



Wet Season

< 0.1% of lists



Dry Season

0.6% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Common Greenshank
Tringa nebularia

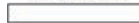
പച്ചക്കാലി

ABHINAV CHANDRAN



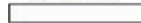
Wet Season

< 0.1% of lists



Dry Season

0.7% of lists



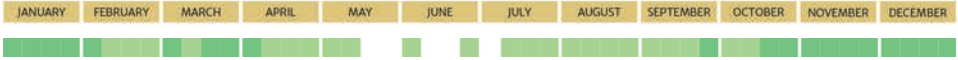
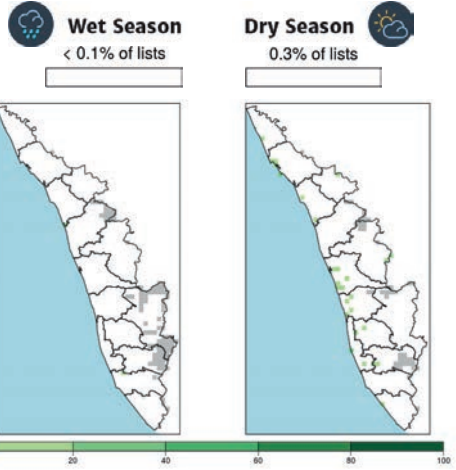
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Marsh Sandpiper
Tringa stagnatilis

ചതുപ്പൻ

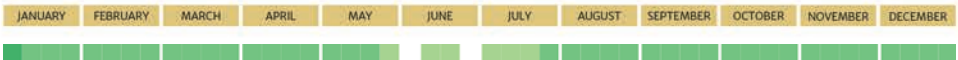
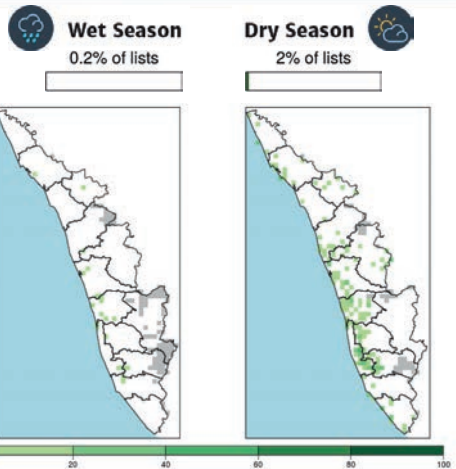
AFSAR NAYARKKAN



Wood Sandpiper
Tringa glareola

പുളിക്കാടക്കൊക്ക്

SREEKUMAR K. GOVINDANKUTTY



Common Redshank
Tringa totanus

ചോരക്കാലി

JISHNU R



Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Barred Buttonquail
Turnix suscitator

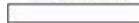
പാഞ്ചാലിക്കാട

C R PUSHPA



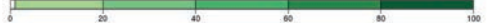
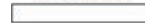
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Small Pratincole

Glareola lactea

ചെറിയ മീവൽക്കാട

NESRU TIRUR



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Slender-billed Gull

Chroicocephalus genei

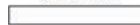
സൂചീമുഖി കടൽക്കാക്ക

ABHINAND CHANDRAN



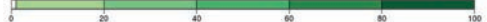
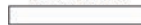
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black-headed Gull

Chroicocephalus ridibundus

ചെറിയ കടൽക്കാക്ക

ABHINAND CHANDRAN



Wet Season

0% of lists



Dry Season

0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Brown-headed Gull

Chroicocephalus brunnicephalus

തവിട്ടുതലയൻ കടൽക്കാക്ക

MUKUNDAN KIZHAKEMADHAM



Wet Season

< 0.1% of lists

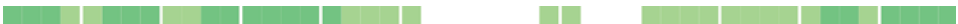


Dry Season

0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Pallas's Gull

Ichthyaetus ichthyaetus

വലിയ കടൽക്കാക്ക

ANEESH SASIDEVAN



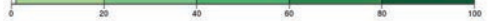
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Lesser Black-backed Gull

Larus fuscus

സ്റ്റാപ്പ് കടൽക്കാക്ക/ഹ്യൂഗ്ലിനി കടൽക്കാക്ക

ABHINAND CHANDRAN



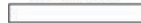
Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Little Tern
Sternula albifrons

ആളച്ചിന്നൻ

KRISHNAKUMAR K IYER



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Gull-billed Tern
Gelochelidon nilotica

പാത്തക്കൊക്കൻ ആള

MAXIM RODRIGUES K



Wet Season

< 0.1% of lists



Dry Season

0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Caspian Tern
Hydroprogne caspia

വലിയ ചെങ്കൊക്കൻ ആള

MOHAMMED HIRASH



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Whiskered Tern
Chlidonias hybrida

കരി ആള

MOHAMMED SAYEER PK



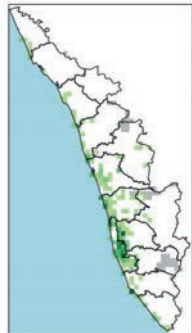
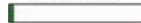
Wet Season

0.1% of lists



Dry Season

3.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Common Tern

Sterna hirundo

ചോരക്കാലി ആള

JISHNU R



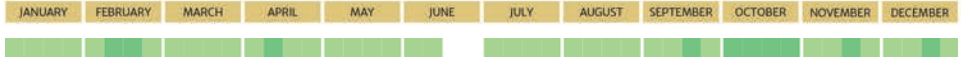
Wet Season

0% of lists



Dry Season

< 0.1% of lists



River Tern

Sterna aurantia

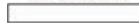
പുഴ ആള

ABHINAND CHANDRAN



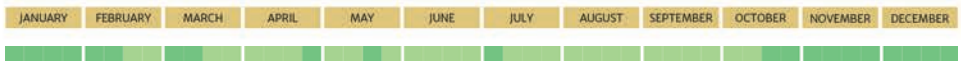
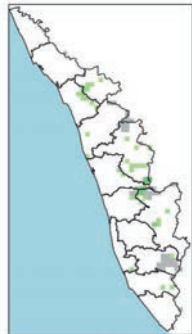
Wet Season

< 0.1% of lists



Dry Season

0.6% of lists



Great Crested Tern *Thalasseus bergii*

വലിയ കടലാള

AFSAR NAYAKKAN



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Sandwich Tern

Thalasseus sandvicensis

കടലുണ്ടി അള

ABHINAND CHANDRAN



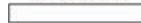
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Lesser Crested Tern
Thalasseus bengalensis

ചെറിയ കടലാള

SATHYAN MEPPAYUR



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Wilson's Storm-Petrel
Oceanites oceanicus

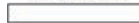
വിൽസൺ കാറ്റിളക്കി

YADUPRASAD



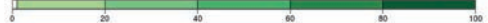
Wet Season

< 0.1% of lists



Dry Season

0% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Swinhoe's Storm-Petrel
Oceanodroma monorhis

തവിടൻ കാറ്റിളക്കി

DHANESH AYYAPPAN



Wet Season

< 0.1% of lists



Dry Season

0% of lists



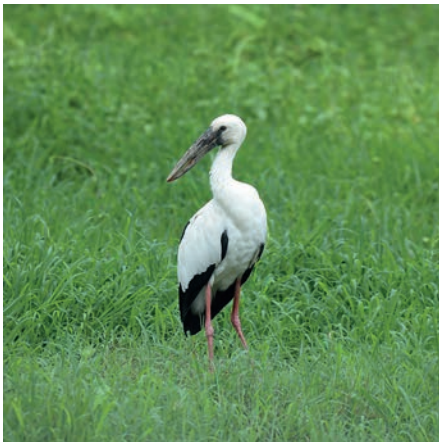
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Asian Openbill
Anastomus oscitans

ചേരാക്കൊക്കൻ

JITHESH NOCHAD



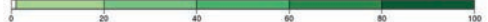
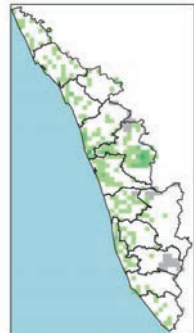
Wet Season

1.2% of lists



Dry Season

3.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black Stork
Ciconia nigra

കരിമ്പകം

KRISHNAKUMAR K IYER



Wet Season

0% of lists



Dry Season

< 0.1% of lists



Woolly-necked Stork
Ciconia episcopus

കന്യാസ്ത്രീകൊക്ക്

JISHNU R



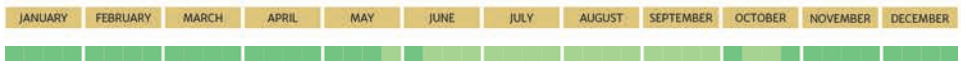
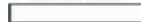
Wet Season

0.3% of lists



Dry Season

1.3% of lists



Lesser Adjutant
Leptoptilos javanicus

വയൽനായ്ക്കൻ

PRASHANTHA KRISHNA MC



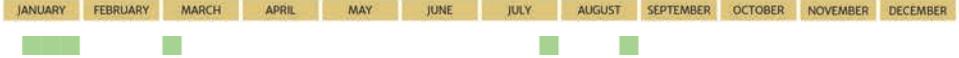
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Painted Stork
Mycteria leucocephala

വർണ്ണക്കൊക്ക്

NESRU TIRUR



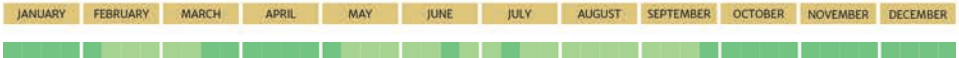
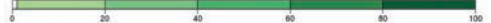
Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



Oriental Darter
Anhinga melanogaster

ചേരക്കോഴി

NAVEENAL PAYERI



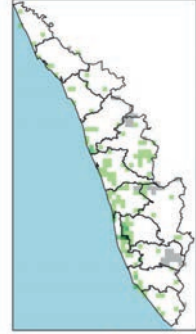
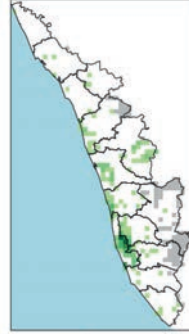
Wet Season

3.1% of lists



Dry Season

2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Little Cormorant
Microcarbo niger

ചെറിയ നീർക്കാക്ക

NISHAD ESHAL



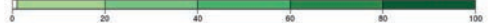
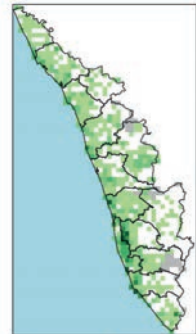
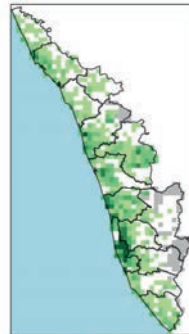
Wet Season

15.7% of lists



Dry Season

11.1% of lists



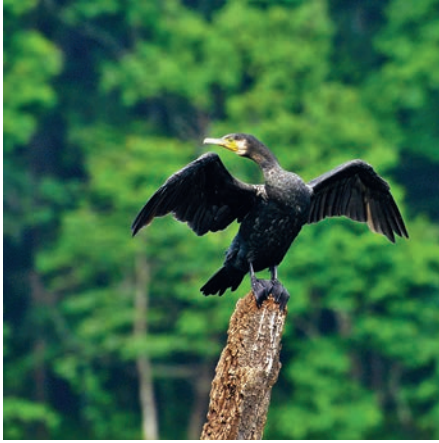
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Great Cormorant
Phalacrocorax carbo

വലിയ നീർക്കാക്ക

RAHUL NAIR



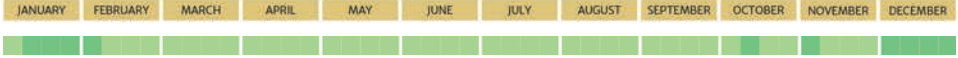
Wet Season

0.3% of lists



Dry Season

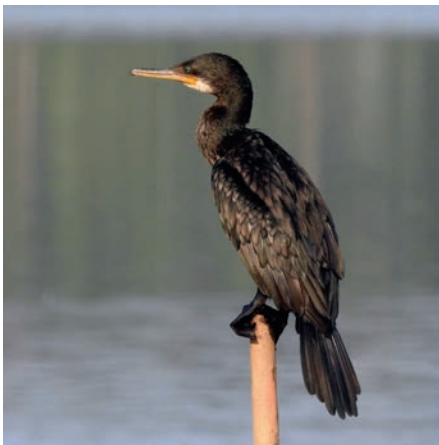
0.2% of lists



Indian Cormorant (Indian Shag)
Phalacrocorax fuscicollis

കിന്നരി നീർക്കാക്ക

ROSHINATH RAMESH



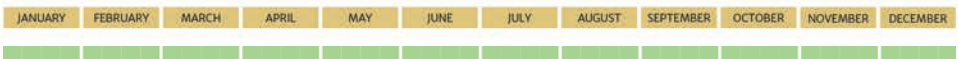
Wet Season

1.9% of lists



Dry Season

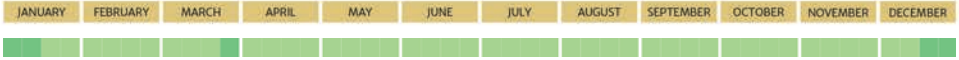
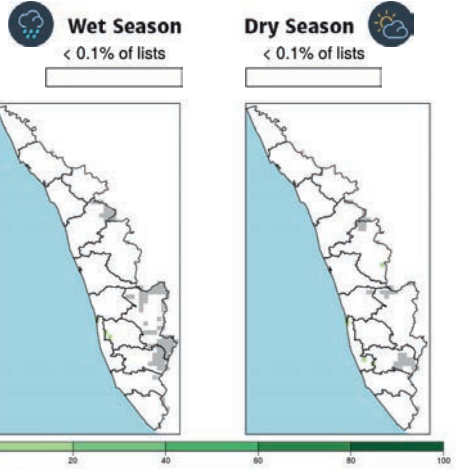
1.4% of lists



Spot-billed Pelican
Pelecanus philippensis

പുളിപ്പിള്ളിയിലെ കൊതുവനം

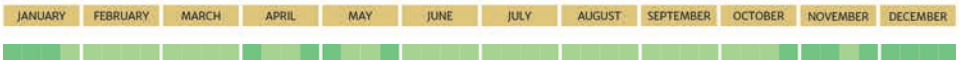
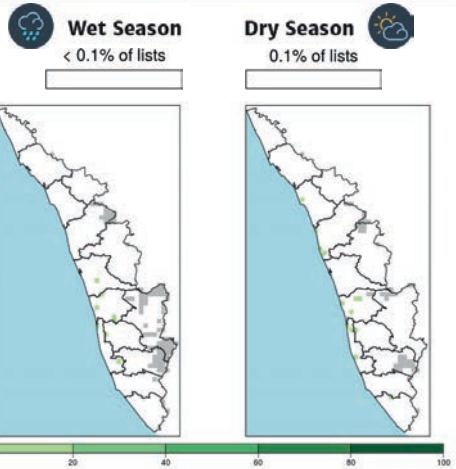
SATHYAN MEPPAYUR



Yellow Bittern
Ixobrychus sinensis

മണ്ണുകൊച്ചി

JISHNU NARAYANAN



Cinnamon Bittern
Ixobrychus cinnamomeus

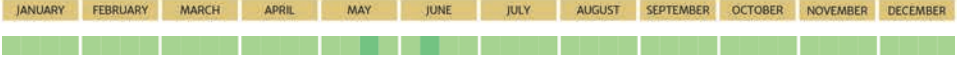
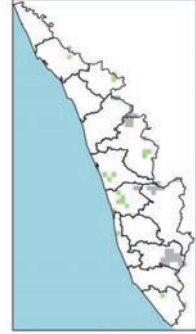
മഴക്കാലം

MOHAMMED SAYEER PK



Wet Season
0.4% of lists

Dry Season
0.1% of lists



Black Bittern
Ixobrychus flavicollis

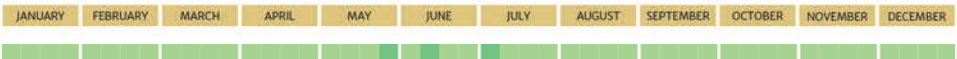
കരിക്കാലം

NAVANEETH NAIR



Wet Season
0.4% of lists

Dry Season
0.2% of lists



Grey Heron

Ardea cinerea

ചാരമുണ്ടി

RAHUL NAIR



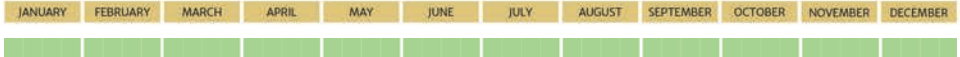
Wet Season

0.8% of lists



Dry Season

0.8% of lists



Purple Heron

Ardea purpurea

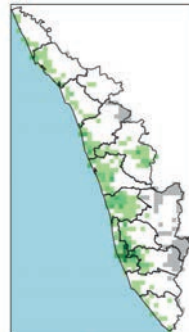
ചായമുണ്ടി

ABHINAND CHANDRAN



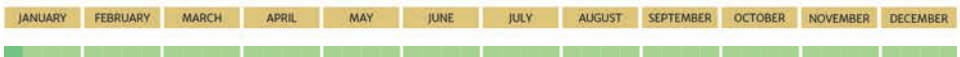
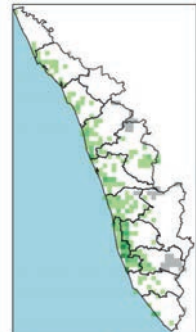
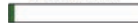
Wet Season

5.9% of lists



Dry Season

3.9% of lists



Great Egret

Ardea alba

പെരുമുണ്ടി

ABHINAND CHANDRAN



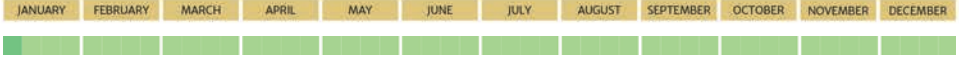
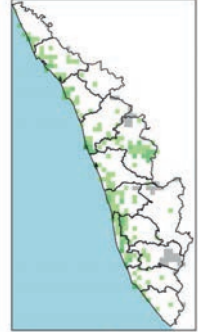
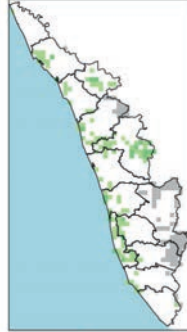
Wet Season

2.1% of lists



Dry Season

2.8% of lists



Intermediate Egret

Ardea intermedia

ചെറുമുണ്ടി

SUBIN K S



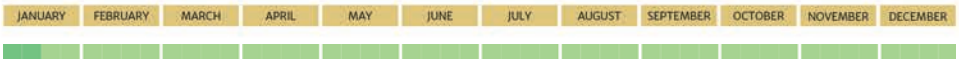
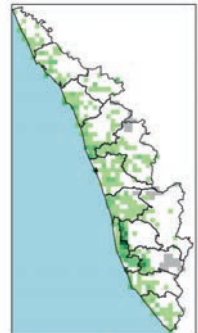
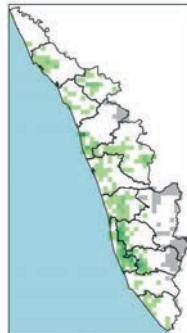
Wet Season

4.6% of lists



Dry Season

6.8% of lists



Little Egret
Egretta garzetta

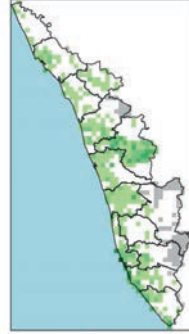
ചിന്നമുണ്ടി

ABHINAND CHANDRAN



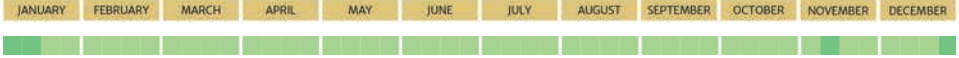
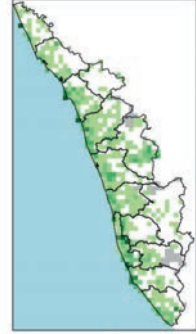
Wet Season

7.8% of lists



Dry Season

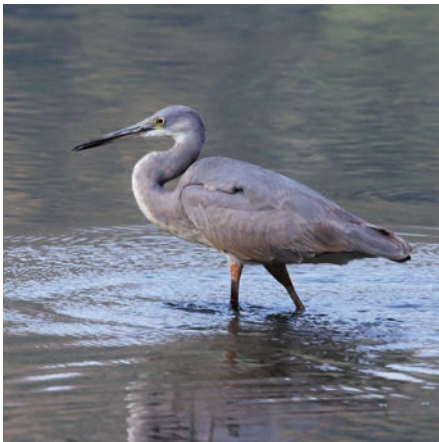
9.7% of lists



Western Reef-Heron (Western Reef-Egret)
Egretta gularis

തിരമുണ്ടി

SATHYAN MEPPAYUR



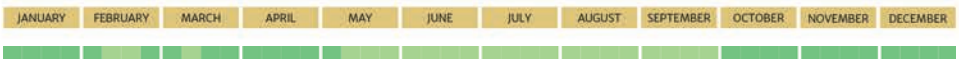
Wet Season

< 0.1% of lists



Dry Season

0.5% of lists



Cattle Egret
Bubulcus ibis

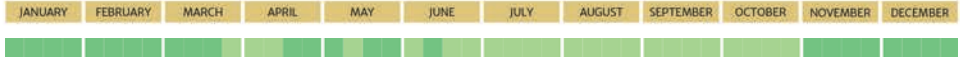
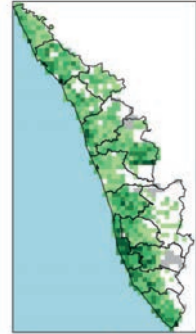
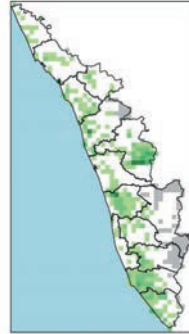
കാലിമുണ്ടി



SUBIN K S

Wet Season
6.3% of lists

Dry Season
27.9% of lists



Indian Pond-Heron
Ardeola grayii

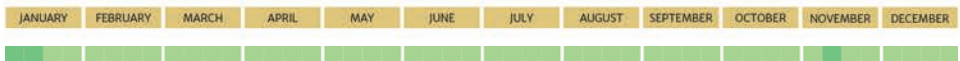
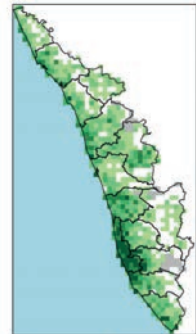
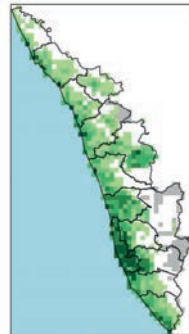
കാളിരിക്കാക്കൻ



ROSHINATH RAMESH

Wet Season
24.2% of lists

Dry Season
24.4% of lists



Striated Heron (Little Heron)

Butorides striata

ചിന്നക്കൊക്ക്

NISHAD ESHAL



Wet Season

0.2% of lists



Dry Season

0.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black-crowned Night-Heron

Nycticorax nycticorax

പാതിരാക്കൊക്ക്

ADIL NAFAR A



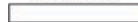
Wet Season

0.9% of lists



Dry Season

0.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Glossy Ibis
Plegadis falcinellus

ചമ്പലൻ അരിവാൾക്കൊക്കൻ

MOHAMMED SAYEER PK



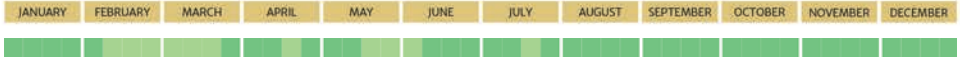
Wet Season

0.2% of lists



Dry Season

0.2% of lists



Black-headed Ibis
Threskiornis melanocephalus

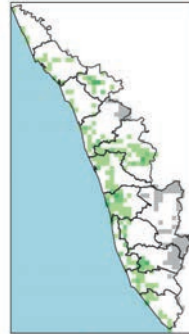
വെള്ള അരിവാൾക്കൊക്കൻ

ABHINAND CHANDRAN



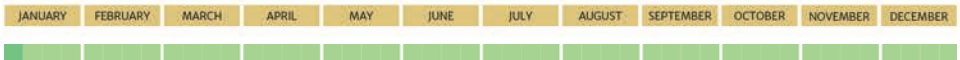
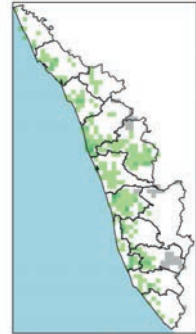
Wet Season

3.7% of lists



Dry Season

3.7% of lists



Eurasian Spoonbill

Platalea leucorodia

ചട്ടുകക്കൊക്കൻ

KRISHNAKUMAR K IYER



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Osprey

Pandion haliaetus

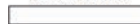
താലിപ്പുരുത്ത്

ABHINAND CHANDRAN



Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black-winged Kite (Black-shouldered Kite)

Elanus caeruleus

വെള്ളി എറിയൻ

ANEESH SASIDEVAN



Wet Season

0.3% of lists



Dry Season

0.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Oriental Honey-buzzard (Crested Honey Buzzard)

Pernis ptilorhynchus

തേൻകൊതിച്ചിപ്പുരത്ത്

BLU PB



Wet Season

0.7% of lists



Dry Season

3.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Jerdon's Baza
Aviceda jerdoni

പ്രാപ്പരത്ത്

NAVEENLAL PAYERI



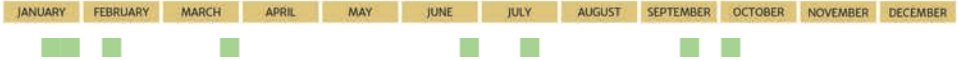
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Black Baza
Aviceda leuphotes

കിന്നരി പ്രാപ്പരത്ത്

KRISHNAKUMAR K IYER



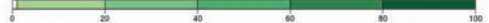
Wet Season

0% of lists



Dry Season

0.1% of lists



Red-headed Vulture
Sarcogyps calvus

കാതിലകുഴകൻ

ABHINAND CHANDRAN



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



White-rumped Vulture
Gyps bengalensis

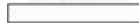
ചുട്ടികുഴകൻ

ABHINAND CHANDRAN



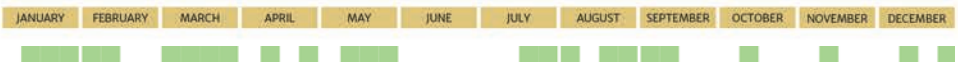
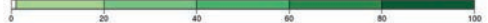
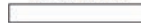
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Crested Serpent-Eagle
Spilornis cheela

ചട്ടിപ്പരുന്ത്

VINEETHA ANISH



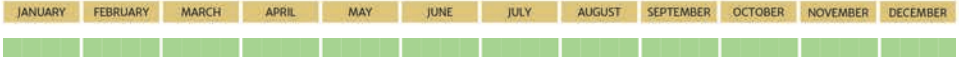
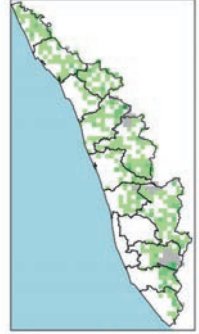
Wet Season

4% of lists



Dry Season

5.9% of lists



Short-toed Snake-Eagle
Circaetus gallicus

പാമ്പ് പരുന്ത്

MOHAMMED SAYEER PK



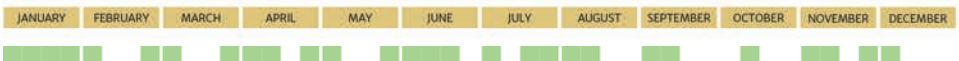
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Changeable Hawk-Eagle
Nisaetus cirrhatus

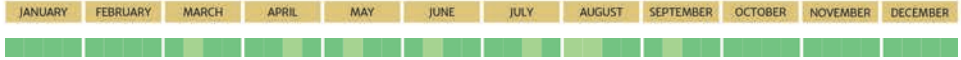
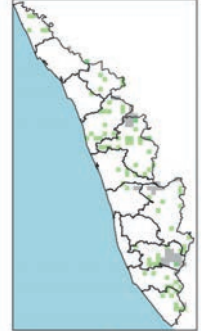
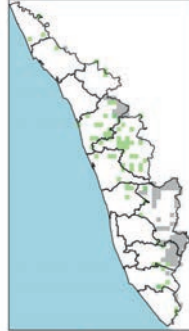
കിനരിപ്പരുന്ത്



NISHAD ESHAL

Wet Season
0.8% of lists

Dry Season
0.8% of lists



Legge's Hawk-Eagle
Nisaetus kelaarti

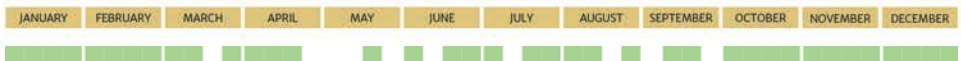
വലിയ കിനരിപ്പരുന്ത്



ANISH M C

Wet Season
< 0.1% of lists

Dry Season
< 0.1% of lists



Rufous-bellied Eagle
Lophotriorchis kienerii

ചെമ്പൻ എറിയൻ

VIVEK CHANDRAN



Wet Season

< 0.1% of lists



Dry Season

0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black Eagle

Ictinaetus malaiensis

കരിമ്പരുന്ത്

SHALU AMANA



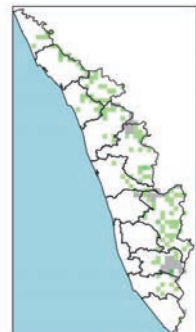
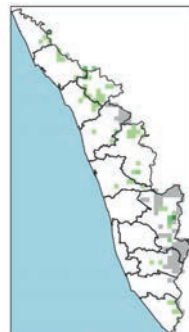
Wet Season

0.8% of lists



Dry Season

1.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Spotted Eagle
Clanga hastata

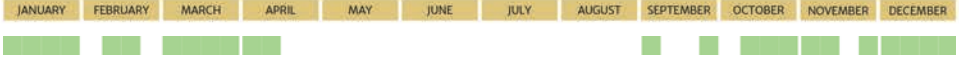
ചെറിയ പുളിപ്പുരുത്ത്

KRISHNAKUMAR K IYER



Wet Season
0% of lists

Dry Season
< 0.1% of lists



Greater Spotted Eagle
Clanga clanga

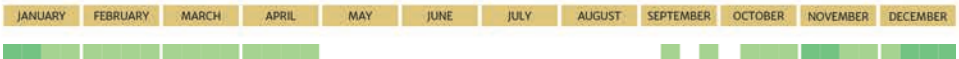
വലിയ പുളിപ്പുരുത്ത്

JISHNU R



Wet Season
0% of lists

Dry Season
< 0.1% of lists



Booted Eagle
Hieraaetus pennatus

വെള്ളക്കറുപ്പൻ പരുന്ത്

ABHINAND CHANDRAN



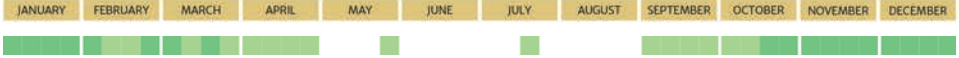
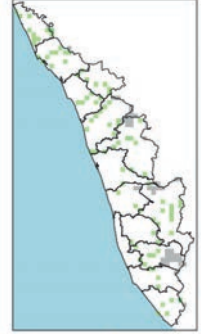
Wet Season

< 0.1% of lists



Dry Season

1% of lists



Steppe Eagle
Aquila nipalensis

കായൽപ്പരുന്ത്

MANOJ KARINGAMADATHIL



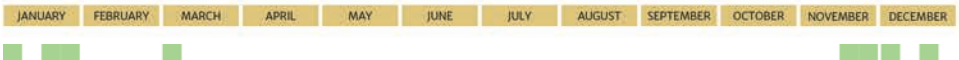
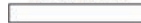
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Bonelli's Eagle
Aquila fasciata

ബോണെല്ലിപ്പരുന്ത്

MOHAMMED SAYEER PK



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



White-eyed Buzzard
Butastur teesa

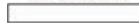
വെള്ളക്കണ്ണിപ്പരുന്ത്

PRASHANTHA KRISHNA MC



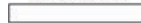
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Eurasian Marsh-Harrier
Circus aeruginosus

കരിതപ്പി

SREEKUMAR K. GOVINDANKUTTY



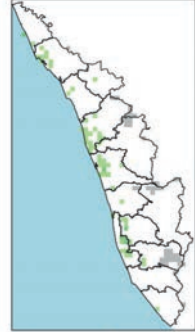
Wet Season

0% of lists



Dry Season

0.8% of lists



Pallid Harrier
Circus macrourus

മേടുകുപ്പി

KRISHNAKUMAR K. IYER



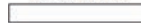
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Montagu's Harrier
Circus pygargus

മൊൻടാഗു മേടൂതപ്പി

ABHINAND CHANDRAN



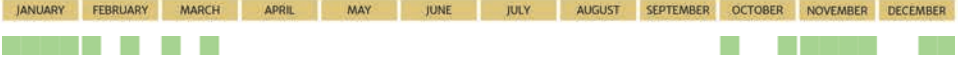
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Crested Goshawk
Accipiter trivirgatus

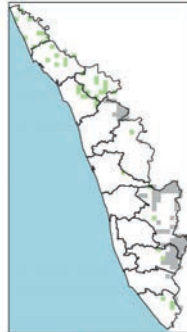
മലമ്പുളള

SREEKUMAR K. GOVINDANKUTTY



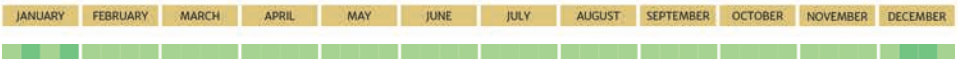
Wet Season

0.4% of lists



Dry Season

0.8% of lists



Shikra

Accipiter badius

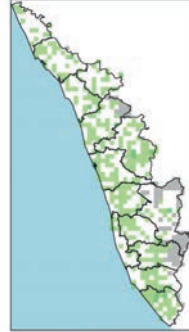
പ്രാപ്പിടിയൻ

NESRU TIRUR



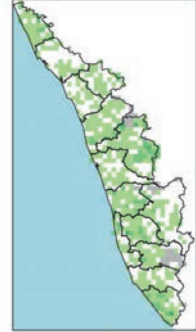
Wet Season

4.8% of lists



Dry Season

7.8% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Besra

Accipiter virgatus

ബെസ്ര പ്രാപ്പിടിയൻ

DIVIN MURUKESH



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black Kite
Milvus migrans

ചക്കിപ്പരുന്ത്

NESRU TIRUR



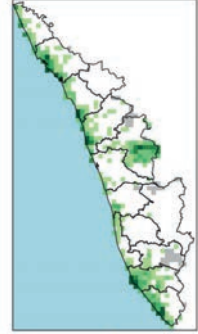
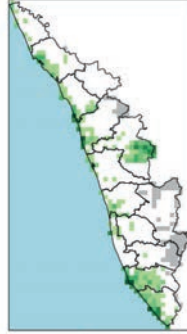
Wet Season

6.4% of lists



Dry Season

8.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Brahminy Kite
Haliastur indus

കൃഷ്ണപ്പരുന്ത്

JISHNU R



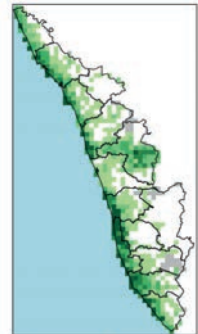
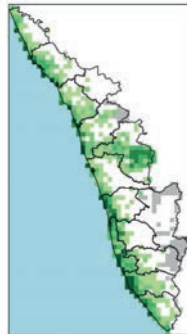
Wet Season

16.6% of lists



Dry Season

19.7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



White-bellied Sea-Eagle

Haliaeetus leucogaster

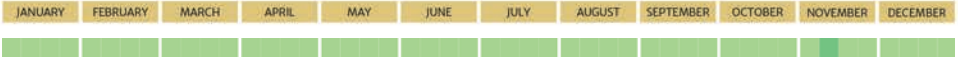
വെള്ളവയറൻ കടൽപ്പുരസ്

BIJUMON KE



Wet Season
< 0.1% of lists

Dry Season
0.1% of lists



Lesser Fish-Eagle

Haliaeetus humilis

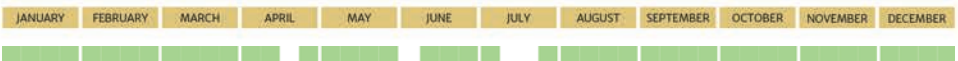
ചെറിയ മീൻപുരസ്

SREEKUMAR K. GOVINDANKUTTY



Wet Season
< 0.1% of lists

Dry Season
< 0.1% of lists



Common Buzzard

Buteo buteo

പുൽപ്പുരുന്ത

KRISHNAKUMAR K IYER



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Barn Owl

Tyto alba

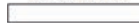
വെള്ളിമുണ്ട

SUJESH PUTHANVEETIL



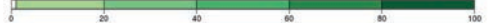
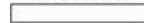
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Sri Lanka Bay-Owl
Phodilus assimilis

റിപ്പിമുങ്ങ

MOHAMMED SAYEER PK



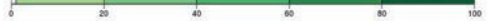
Wet Season

< 0.1% of lists



Dry Season

0% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Scops-Owl (Collared Scops-Owl)
Otus bakkamoena

ചെവിയൻ നത്ത്

VILESH VALLIKUNNU



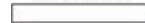
Wet Season

0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Oriental Scops-Owl
Otus sunia

ഓസെരസ്സി നത്ത്

SUJEEESH PUTHANVEETIL



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Spot-bellied Eagle-Owl
Bubo nipalensis

കാട്ടുമുണ്ട

REJI CHANDRAN



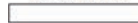
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Brown Fish-Owl
Ketupa zeylonensis

മീൻകൂമൻ

ABHINAND CHANDRAN



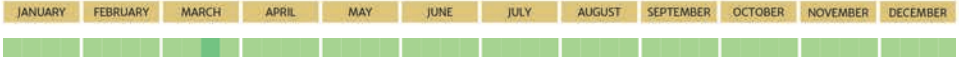
Wet Season

0.2% of lists



Dry Season

0.2% of lists



Jungle Owlet
Glaucidium radiatum

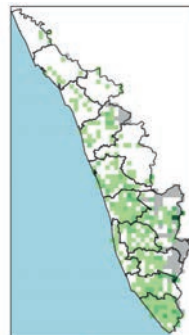
ചെമ്പൻനത്ത്

SANTHOSH KALLINGAL



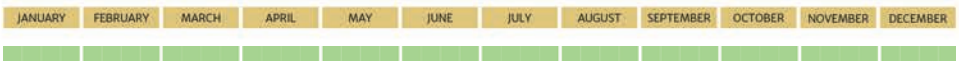
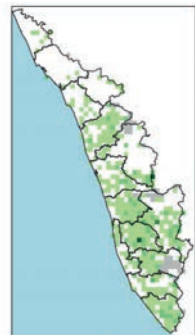
Wet Season

6% of lists



Dry Season

6.3% of lists



Spotted Owllet

Athene brama

പുള്ളിനന്ത്

ABHINAND CHANDRAN



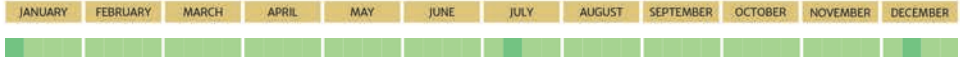
Wet Season

0.3% of lists



Dry Season

0.3% of lists



Mottled Wood-Owl

Strix ocellata

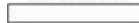
കാലങ്കോഴി

RAYEES RAHMAN



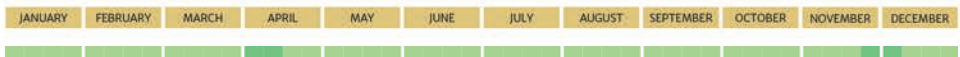
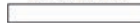
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Brown Wood-Owl
Strix leptogrammica

കൊല്ലിക്കരവൻ

SANDEEP SASIDHARAN



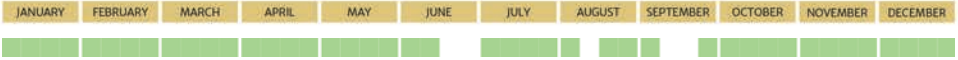
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Brown Hawk-Owl
Ninox scutulata

പുള്ളനത്ത

JISHNU R



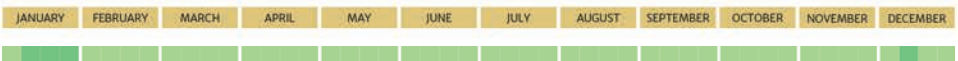
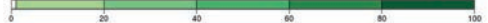
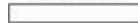
Wet Season

0.1% of lists



Dry Season

< 0.1% of lists



Malabar Trogon

Harpactes fasciatus

തീക്കാക്ക

MOHAMMED SAYEER PK



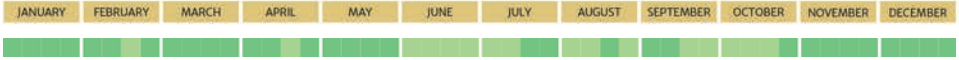
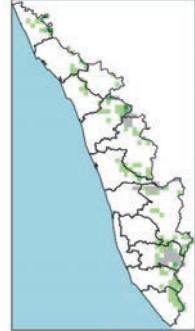
Wet Season

1.3% of lists



Dry Season

1.7% of lists



Eurasian Hoopoe

Upupa epops

ഉപ്പുപ്പൻ

MOHAMMED SAYEER PK



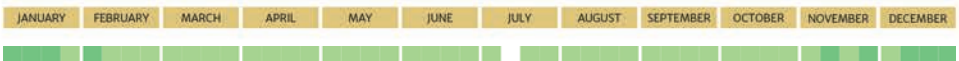
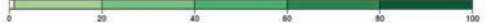
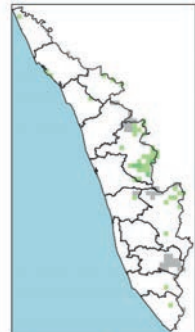
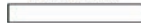
Wet Season

0.2% of lists



Dry Season

0.6% of lists



Indian Grey Hornbill
Ocyrceros birostris

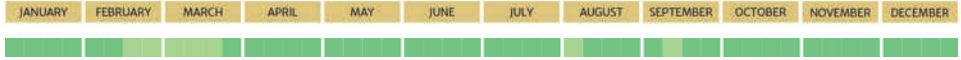
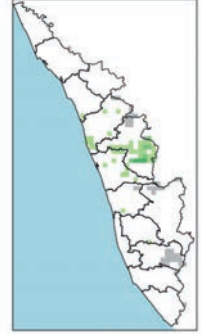
നാട്ടുവേഴാമ്പൽ

JISHNU R



Wet Season
0.9% of lists

Dry Season
0.8% of lists



Malabar Grey Hornbill
Ocyrceros griseus

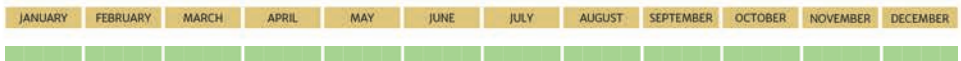
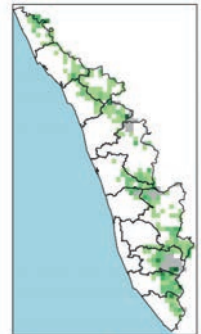
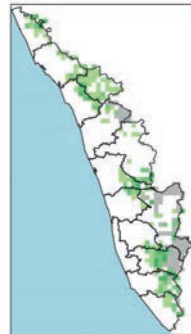
കോഴി വേഴാമ്പൽ

ANEEESH SASIDEVAN



Wet Season
4.8% of lists

Dry Season
6.2% of lists



Malabar Pied-Hornbill

Anthracoceros coronatus

പാണ്ടൻ വേഴാമ്പൽ

ARID VK



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Great Hornbill (Great Pied-Hornbill)

Buceros bicornis

മലമുഴക്കി

NAMASSIVAYAN LAKSHMANAN



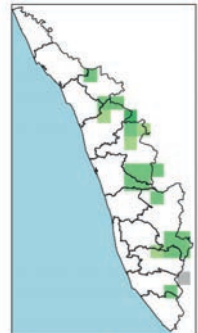
Wet Season

0.3% of lists



Dry Season

0.7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Common Kingfisher (Small Blue Kingfisher)

Alcedo atthis

ചെറിയ മീൻകൊത്തി

JISHNU R



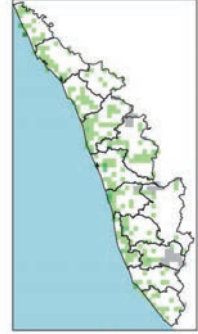
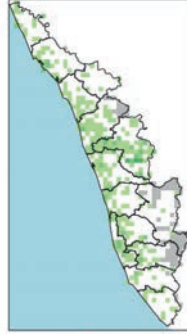
Wet Season

4.6% of lists



Dry Season

3.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Blue-eared Kingfisher

Alcedo meninting

പൊടിപ്പൊന്മാൻ

SHALU AMANA



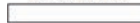
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black-backed Dwarf-Kingfisher (Oriental Dwarf Kingfisher)
Ceyx erithaca

മേനിപ്പൊന്മാൻ



PAULSON JOY



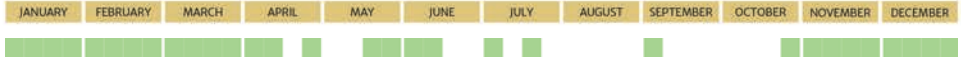
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Stork-billed Kingfisher
Pelargopsis capensis

കാക്കമീൻകൊത്തി

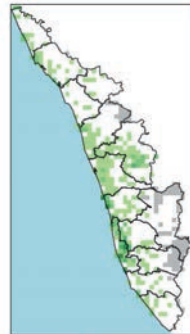
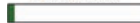


JISHNU R



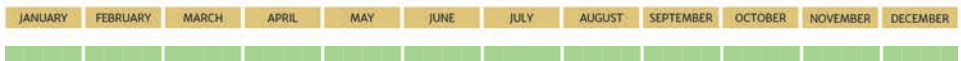
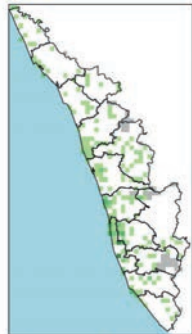
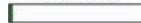
Wet Season

4.6% of lists



Dry Season

2.5% of lists



White-throated Kingfisher
Halcyon smyrensis

മിൻകൊത്തിച്ചാത്തൻ

ABHINAND CHANDRAN



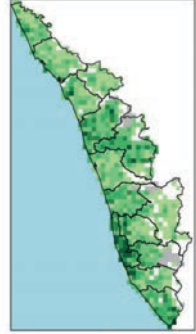
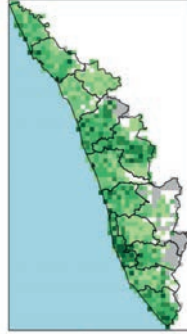
Wet Season

35.5% of lists



Dry Season

30.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black-capped Kingfisher
Halcyon pileata

കരിന്തലയൻ മിൻകൊത്തി

SREEDEVI MADHAVAN



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Pied Kingfisher
Ceryle rudis

പുള്ളിമീൻകൊത്തി

JISHNU R



Wet Season

0.9% of lists



Dry Season

0.7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Blue-bearded Bee-eater
Nyctornis athertoni

കാട്ടുവേലിത്ത

SATHYAN MEPPAYUR



Wet Season

0.2% of lists



Dry Season

0.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Green Bee-eater

Merops orientalis

നടുവേലിത്തത്ത

MOHAMMED RAMEES K



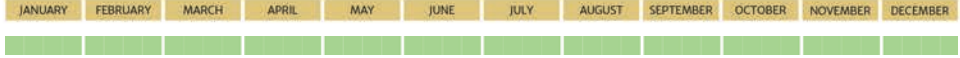
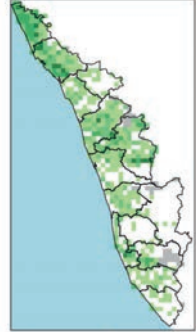
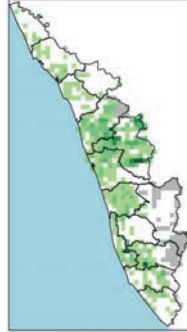
Wet Season

9.2% of lists



Dry Season

12.3% of lists



Blue-cheeked Bee-eater

Merops persicus

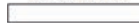
നീലക്കവിളൻ വേലിത്തത്ത

MOHAMMED SAYEER PK



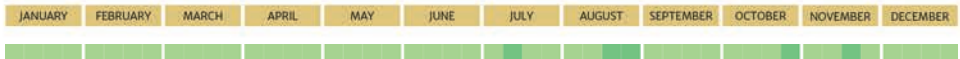
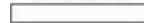
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Blue-tailed Bee-eater
Merops philippinus

വലിയ വേലിത്തത്ത

SATHYAN MEPPAYUR



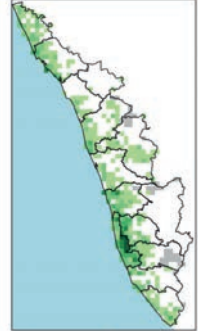
Wet Season

0.3% of lists



Dry Season

8.8% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Chestnut-headed Bee-eater
Merops leschenaulti

ചെന്തലയൻ വേലിത്തത്ത

MRIDULA MURALI



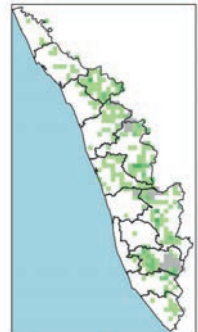
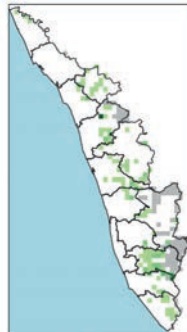
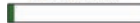
Wet Season

2% of lists



Dry Season

4.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Roller

Coracias benghalensis

പനങ്കാക്ക

JISHNU R



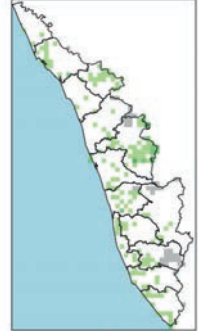
Wet Season

0.8% of lists



Dry Season

2.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Oriental Dollarbird

Eurystomus orientalis

കാട്ടു പനങ്കാക്ക

SREEJESH K NAIR



Wet Season

0.4% of lists



Dry Season

0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Malabar Barbet (Crimson-throated Barbet)

Psilopogon malabaricus

ആൽക്കിളി

SREEJITH R PILLAI



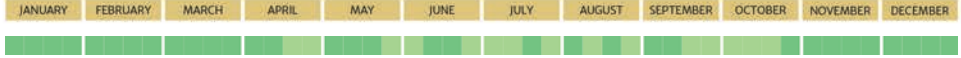
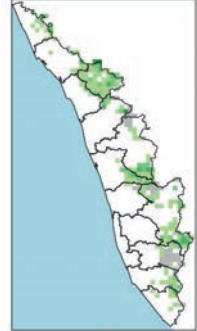
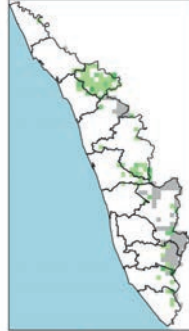
Wet Season

1.6% of lists



Dry Season

4% of lists



Coppersmith Barbet

Psilopogon haemacephalus

ചെമ്പുകൊട്ടി

JISHNU R



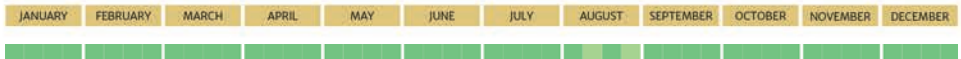
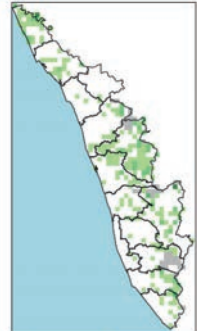
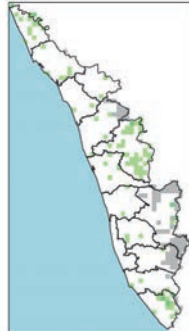
Wet Season

1.1% of lists



Dry Season

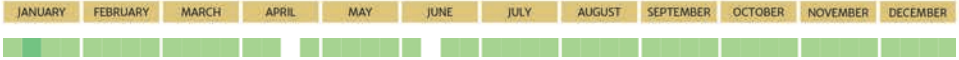
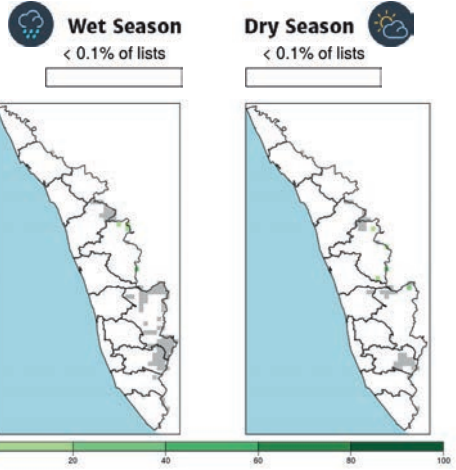
3.8% of lists



Brown-headed Barbet (Large Green Barbet)
Psilopogon zeylanicus

ചെങ്കണ്ണൻ കുട്ടുവൻ

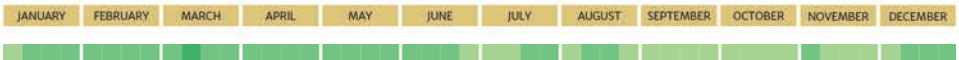
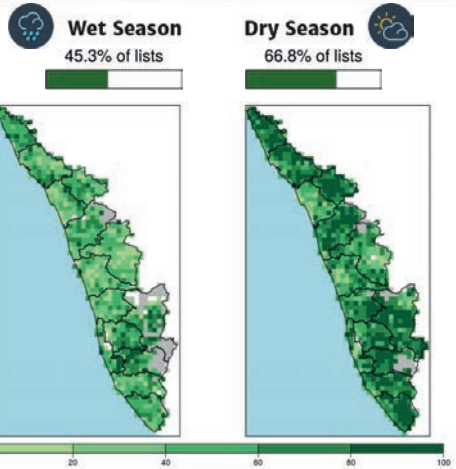
VJESH VALLIKUNNU



White-cheeked Barbet (Small Green Barbet)
Psilopogon viridis

ചിനക്കട്ടുവൻ

VIVEK CHANDRAN



Eurasian Wryneck
Jynx torquilla

കഴുത്തുപിരിയൻകിളി

ABHINAND CHANDRAN



Wet Season

0% of lists



Dry Season

< 0.1% of lists



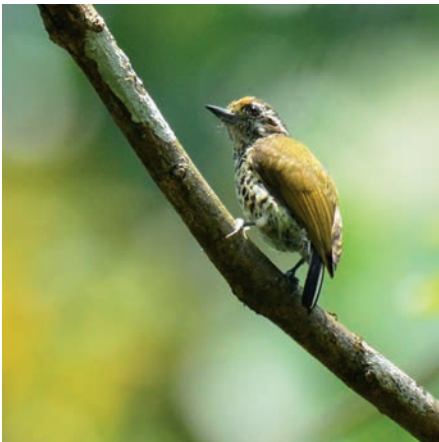
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Speckled Piculet
Picumnus innominatus

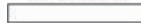
മരംകൊത്തിച്ചിന്നൻ

ANEESH SASIDEVAN



Wet Season

< 0.1% of lists



Dry Season

0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Heart-spotted Woodpecker
Hemicircus canente

ചിത്രാഗൻ മരംകൊത്തി

PAULSON JOY



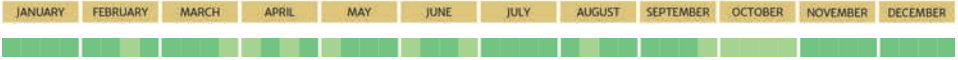
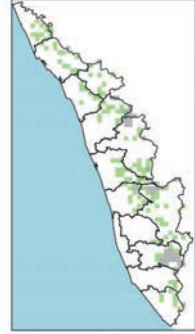
Wet Season

1.3% of lists



Dry Season

1.4% of lists



Brown-capped Pygmy Woodpecker
Yungipicus nanus

തണ്ടൻ മരംകൊത്തി

ABHINAND CHANDRAN



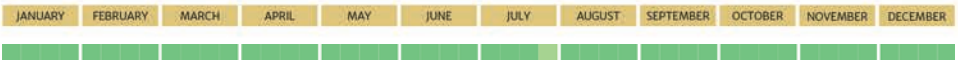
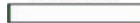
Wet Season

1.2% of lists



Dry Season

1.6% of lists



Yellow-crowned Woodpecker
Leiopicus mahrattensis

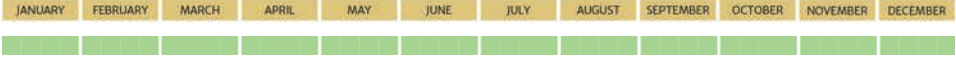
മറാഠാ മരംകൊത്തി

SATHYAN MEPPAYUR



Wet Season
< 0.1% of lists

Dry Season
0.1% of lists



Greater Flameback
Chrysocolaptes guttacristatus

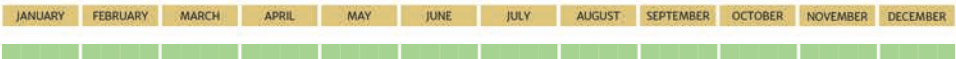
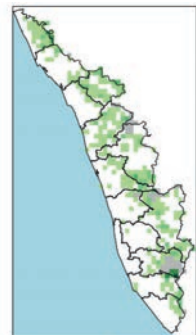
വലിയ ഹെനി മരംകൊത്തി

VINEETHA ANISH



Wet Season
3.6% of lists

Dry Season
5% of lists

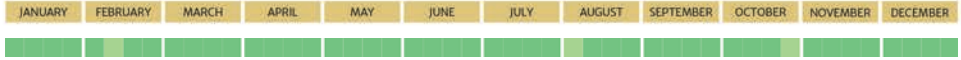
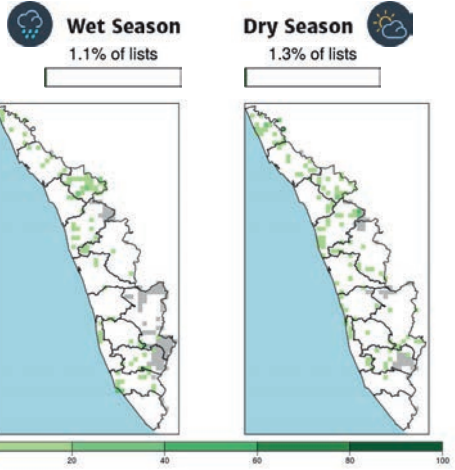


Rufous Woodpecker
Micropternus brachyurus

ചെമ്പൻ മരംകൊത്തി



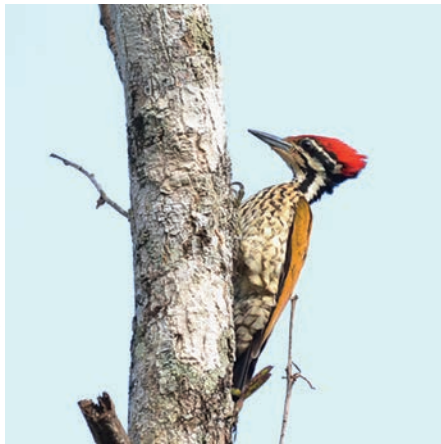
KRISHNAKUMAR K IYER



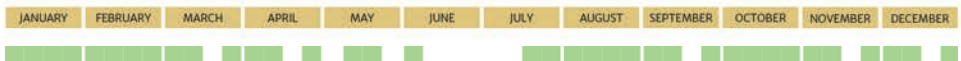
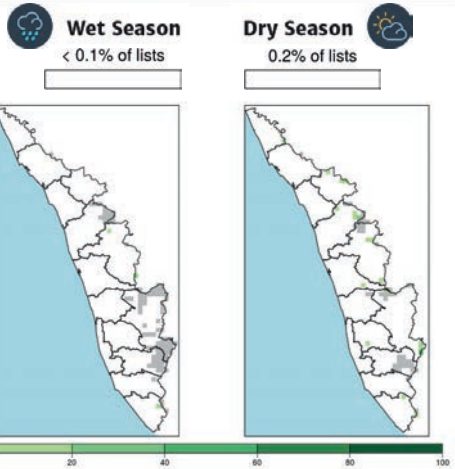
Common Flameback (Goldenbacked Three-toed Woodpecker)

Dinopium javanense

തൃമുട്ടുലി മരംകൊത്തി



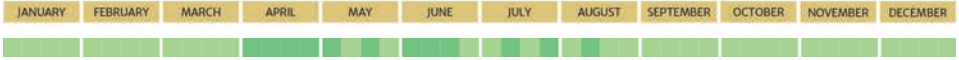
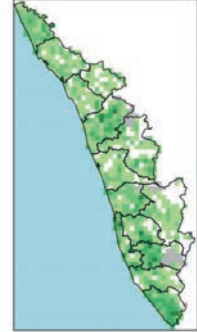
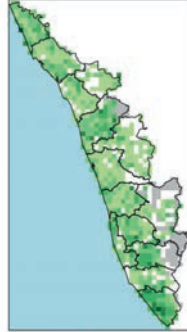
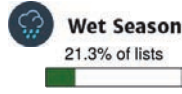
NAVANEETH NAIR



Black-rumped Flameback (Lesser Goldenbacked Woodpecker)
Dinopium benghalense

നാട്ടുമരംകൊത്തി

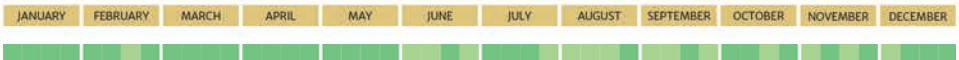
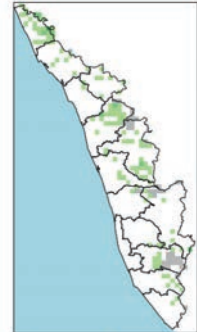
MOHAMMED RAMEES K



Lesser Yellownappe
Picus chlorolophus

മഞ്ഞപ്പിടലി മരംകൊത്തി

REJI CHANDRAN



Streak-throated Woodpecker

Picus xanthopygaeus

മഞ്ഞക്കാഞ്ചി മരംകൊത്തി

ABHINAND CHANDRAN



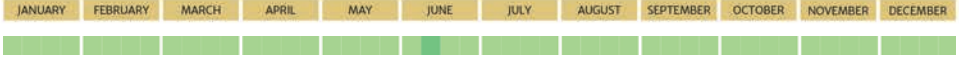
Wet Season

0.4% of lists



Dry Season

0.4% of lists

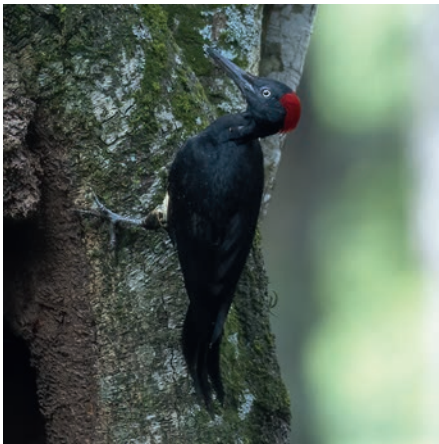


White-bellied Woodpecker (Great Black Woodpecker)

Dryocopus javensis

കാക്ക മരംകൊത്തി

SUJEESH PUTHANVEETIL



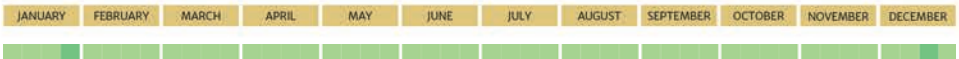
Wet Season

0.2% of lists



Dry Season

0.4% of lists



Lesser Kestrel

Falco naumanni

ചെറുവിറയൻപുളള

JISHNU R



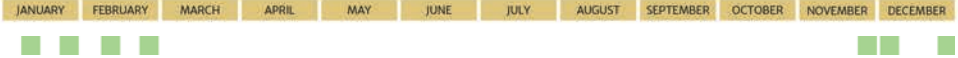
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Eurasian Kestrel (Common Kestrel)

Falco tinnunculus

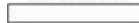
വിറയൻപുളള

P. M. MUJEEB



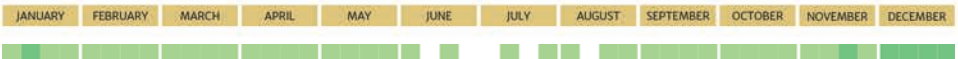
Wet Season

< 0.1% of lists



Dry Season

0.3% of lists



Peregrine Falcon
Falco peregrinus

കായൽപ്പള്ളി

KRISHNAKUMAR K IYER



Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Rose-ringed Parakeet
Psittacula krameri

മോതിരത്തത്ത

JISHNU R



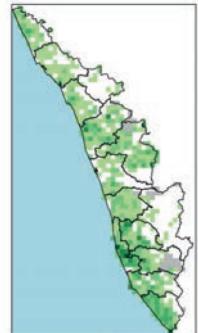
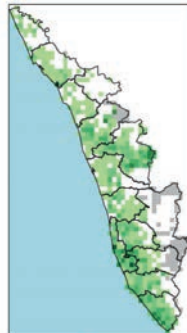
Wet Season

14.3% of lists



Dry Season

14% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Plum-headed Parakeet

Psittacula cyanocephala

പൂന്തത്ത

NISHAD ESHAL



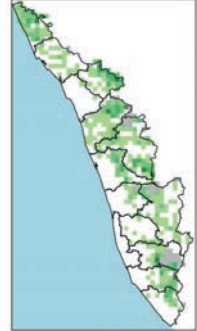
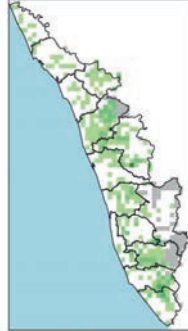
Wet Season

5.9% of lists



Dry Season

8.7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Malabar Parakeet (Blue-winged Parakeet)

Psittacula columboides

നീലത്തത്ത

NESRU TIRUR



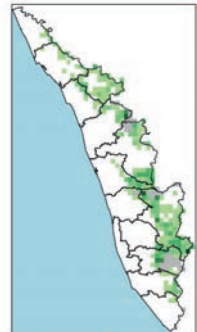
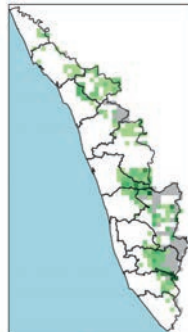
Wet Season

5.6% of lists



Dry Season

6.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Vernal Hanging-Parrot (Indian Lorikeet)

Loriculus vernalis

തത്തച്ചിന്നൻ

JISHNU R



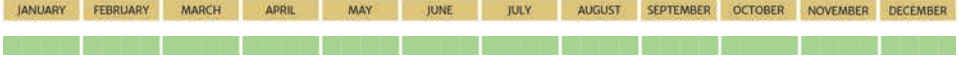
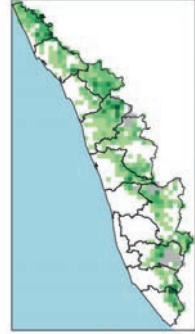
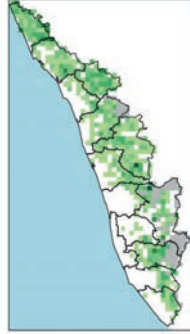
Wet Season

13.5% of lists



Dry Season

13.9% of lists



Indian Pitta

Pitta brachyura

കാവി

SATHYAN MEPPAYUR



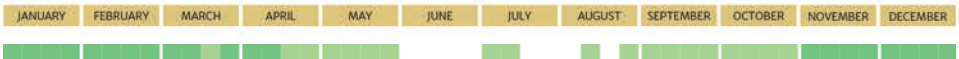
Wet Season

< 0.1% of lists



Dry Season

0.8% of lists



Small Minivet

Pericrocotus cinnamomeus

തീച്ചിന്നൻ

KRISHNAKUMAR K IYER



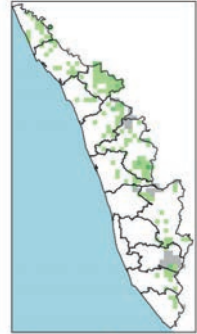
Wet Season

1.7% of lists



Dry Season

1.9% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Orange Minivet

Pericrocotus flammeus

തീക്കരവി

JISHNU R



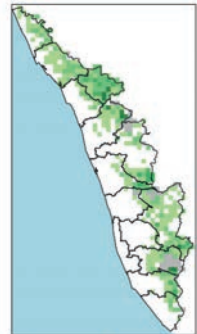
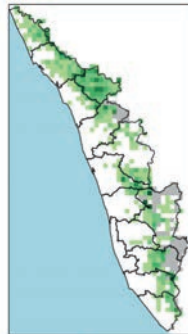
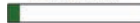
Wet Season

10.1% of lists



Dry Season

8.6% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Large Cuckooshrike

Coracina macei

ചാരപ്പുണ്ടൻ

ABHINAND CHANDRAN



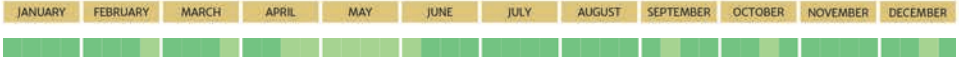
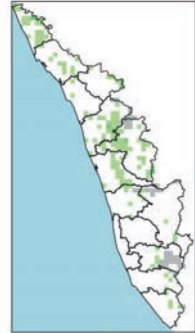
Wet Season

1.2% of lists



Dry Season

1.6% of lists



Black-headed Cuckooshrike

Lalage melanoptera

കരിഞ്ഞൊപ്പി

NOVEL KUMAR



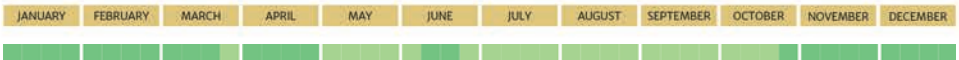
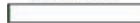
Wet Season

0.2% of lists



Dry Season

1.3% of lists



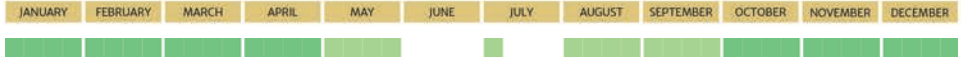
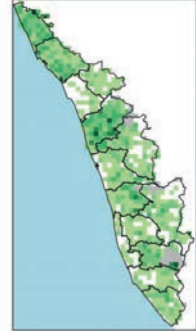
Indian Golden Oriole
Oriolus kundoo

ഇന്ത്യൻ മഞ്ഞക്കിളി



Wet Season
0.4% of lists

Dry Season
18.3% of lists



Black-naped Oriole
Oriolus chinensis

ചീനമഞ്ഞക്കിളി



Wet Season
< 0.1% of lists

Dry Season
1.2% of lists



Black-hooded Oriole

Oriolus xanthornus

മഞ്ഞക്കറുപ്പൻ

VINEETHA ANISH



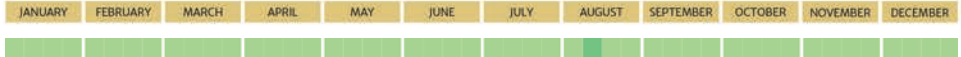
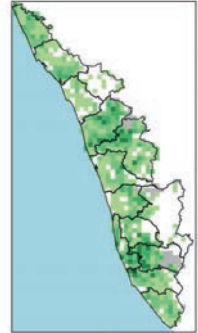
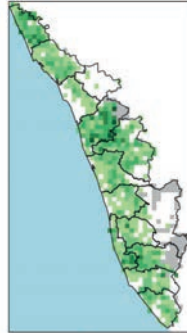
Wet Season

20.7% of lists



Dry Season

18.7% of lists



Ashy Woodswallow

Artamus fuscus

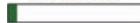
ഇണകാത്തവൻ

JISHNU R



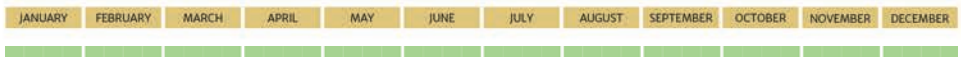
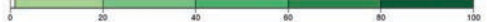
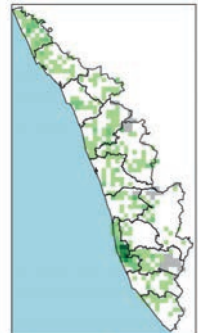
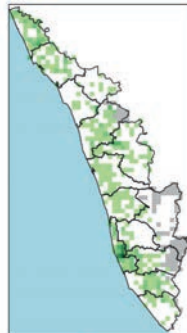
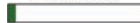
Wet Season

6.4% of lists



Dry Season

5.6% of lists



Malabar Woodshrike

Tephrodornis sylvicola

അന്ധരക്കാടൻ

SHALU AMANA



Wet Season

1.1% of lists



Dry Season

2.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Common Woodshrike

Tephrodornis pondicerianus

അന്ധരത്താൻ

SUJEESH PUTHENVEETIL



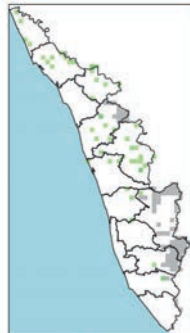
Wet Season

0.5% of lists



Dry Season

0.8% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Bar-winged Flycatcher-shrike
Hemipus picatus

അസുരപ്പൊട്ടൻ

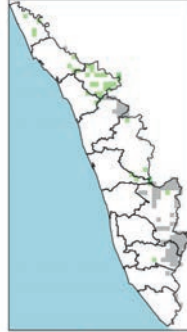


JISHNU R



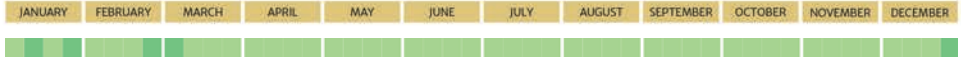
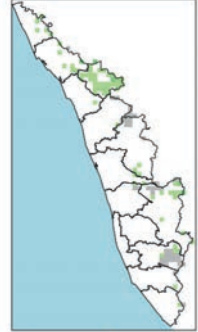
Wet Season

0.4% of lists



Dry Season

0.8% of lists



Common Iora
Aegithina tiphia

അഭയം

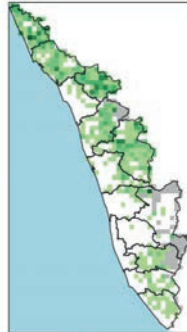


ABHINAND CHANDRAN



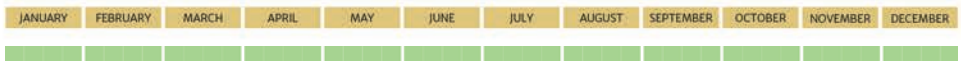
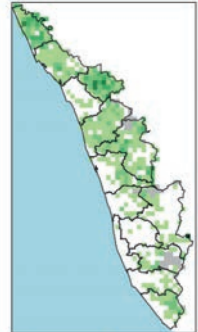
Wet Season

11.5% of lists



Dry Season

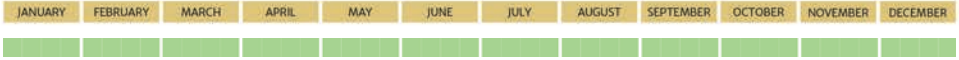
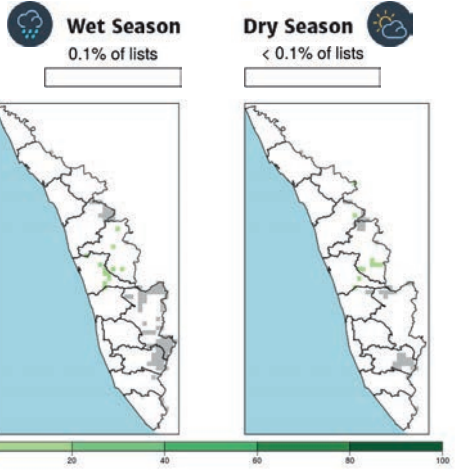
9.7% of lists



White-browed Fantail
Rhipidura aureola

ആട്ടക്കാരുൻ പാറ്റപിടിയൻ

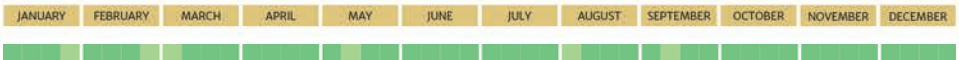
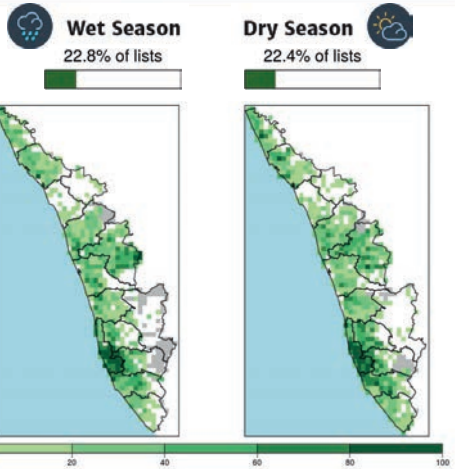
SREEKUMAR K GOVINDANKUTTY



Black Drongo
Dicrurus macrocercus

ആനറാമ്പി

JISHNU R



Ashy Drongo
Dicurus leucophaeus

കാക്കത്തമ്പുരാൻ

ABHINAND CHANDRAN



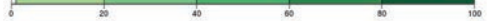
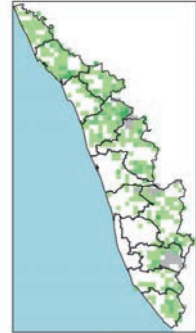
Wet Season

0.2% of lists



Dry Season

6.7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



White-bellied Drongo
Dicurus caerulescens

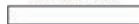
കാക്കരാജൻ

SREEKUMAR K GOVINDANKUTTY



Wet Season

0.2% of lists



Dry Season

0.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Bronzed Drongo
Dicurus aeneus

ലളിതക്കാക്ക

ABHINAND CHANDRAN



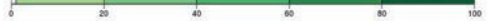
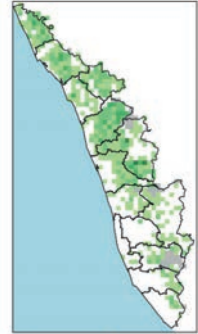
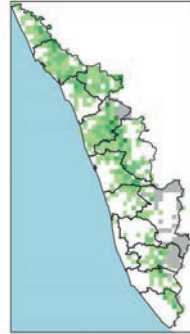
Wet Season

9.9% of lists



Dry Season

9.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Hair-crested Drongo (Spangled Drongo)
Dicurus hottentottus

കിന്നരിക്കാക്ക

MOHAMMED SAYEER PK



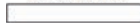
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Greater Racket-tailed Drongo
Dicurus paradiseus

കാടുമുഴക്കി

LATHA PRABHAKARAN



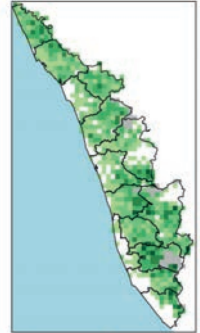
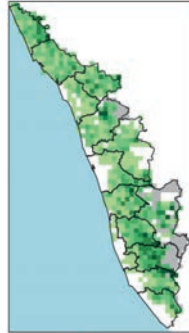
Wet Season

25.6% of lists



Dry Season

27% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black-naped Monarch
Hypothymis azurea

വെൺനീലി

JISHNU R



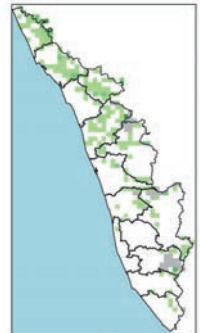
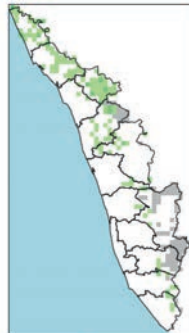
Wet Season

2% of lists



Dry Season

2.8% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Paradise-Flycatcher
Terpsiphone paradisi

നാകമോഹൻ

SHALU AMANA



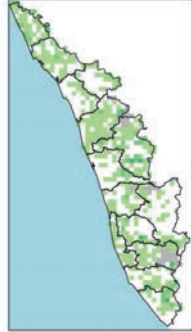
Wet Season

< 0.1% of lists



Dry Season

6.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Brown Shrike
Lanius cristatus

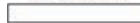
തവിടൻ ശ്ലൈക്ക്

MOHAMMED RAMEES K



Wet Season

< 0.1% of lists



Dry Season

3.6% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Bay-backed Shrike
Lanius vittatus

അസൂരക്കിളി

JISHNU R



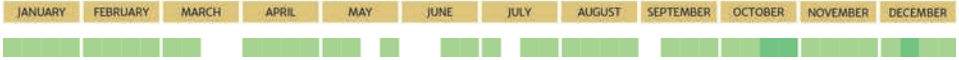
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Long-tailed Shrike
Lanius schach

ചാരക്കട്ടൻ ശ്രൈക്ക്

SATHYAN MEPPAYUR



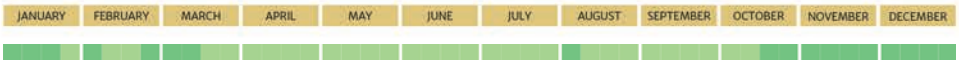
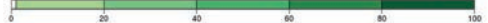
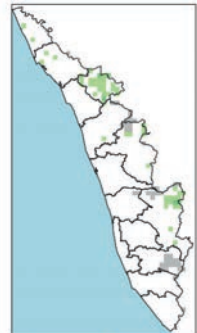
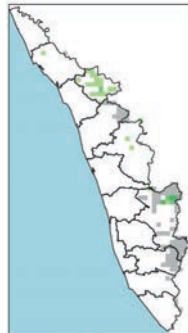
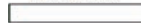
Wet Season

0.6% of lists



Dry Season

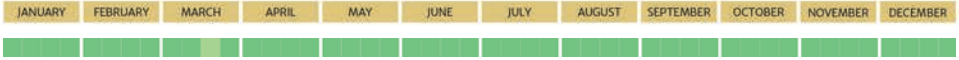
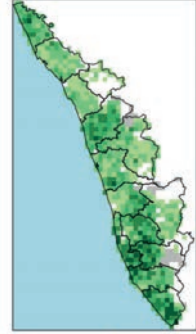
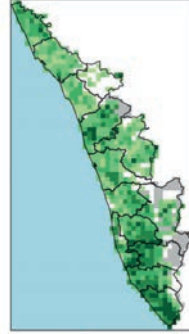
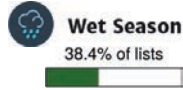
0.8% of lists



Rufous Treepie
Dendrocitta vagabunda

ഓലേത്താലി

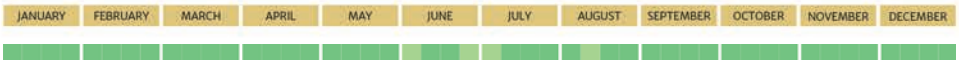
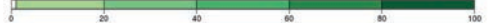
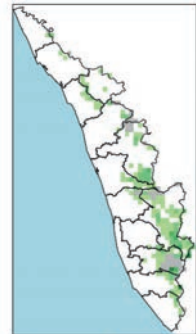
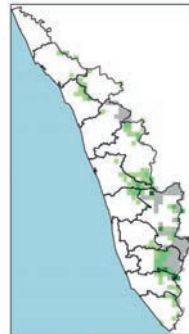
SREEKUMAR K GOVINDANKUTTY



White-bellied Treepie
Dendrocitta leucogastra

കാട്ടുത്താലി

AMAL US



House Crow
Corvus splendens

കാവതീക്കാക്ക

AFSAR NAYARKKAN



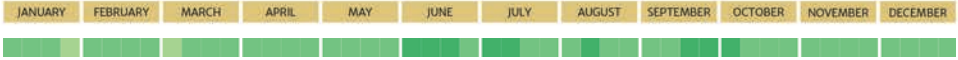
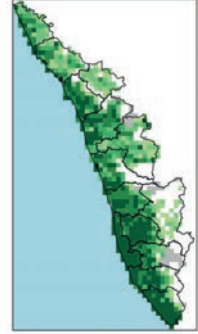
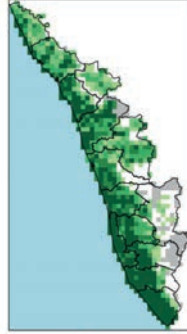
Wet Season

54% of lists



Dry Season

47.4% of lists



Large-billed Crow
Corvus macrorhynchos

ബലിക്കാക്ക

KRISHNAKUMAR K IYER



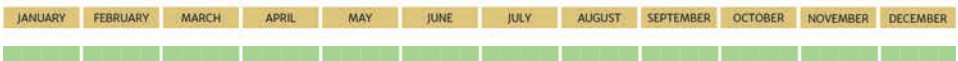
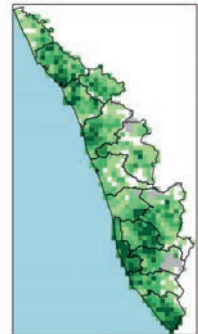
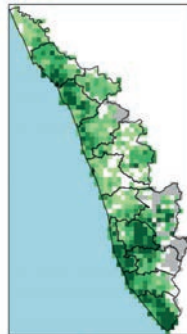
Wet Season

39.9% of lists



Dry Season

38.8% of lists



Grey-headed Canary-Flycatcher
Culicicapa ceylonensis

ചാരത്തലയൻ പാറ്റപിടിയൻ

JISHNU R



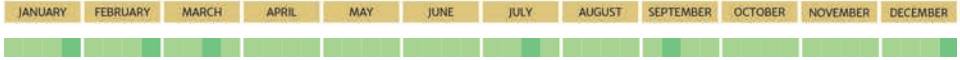
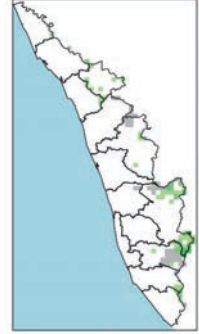
Wet Season

0.6% of lists



Dry Season

0.9% of lists



Cinereous Tit (Great Tit)
Parus cinereus

ചാരമരപ്പൊട്ടൻ

VINOD KUMAR



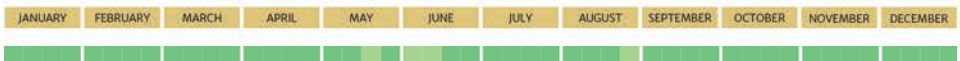
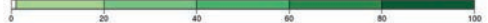
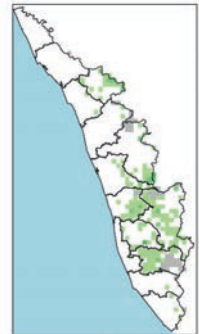
Wet Season

1.5% of lists



Dry Season

2.2% of lists



Indian Yellow Tit
Machlophus aplonotus

പച്ചമരപ്പെട്ടൻ

SREEJESH K NAIR



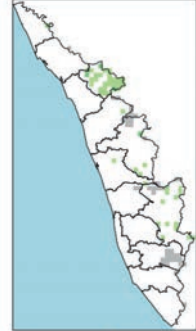
Wet Season

0.7% of lists



Dry Season

0.7% of lists



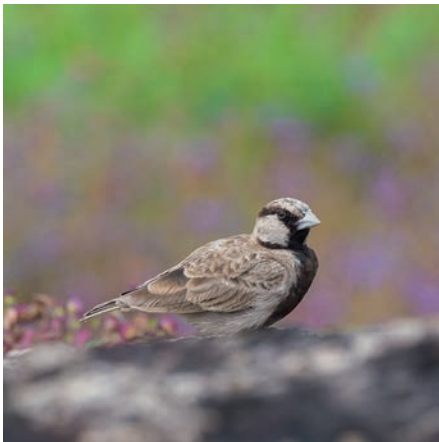
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Ashy-crowned Sparrow-Lark (Ashy-crowned Finch-Lark)
Eremopterix griseus

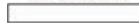
കരിവയറൻ വാനമ്പാടി

ABHINAND CHANDRAN



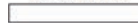
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Jerdon's Bushlark

Mirafra affinis

ചെമ്പൻപാടി

ABHINAV CHANDRAN



Wet Season

0.5% of lists



Dry Season

0.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Sykes's Short-toed Lark (Eastern Short-toed Lark)

Calandrella dukhunensis

കൂട്ടപ്പാടി

NESRU TIRUR



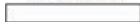
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Oriental Skylark
Alauda gulgula

വാനന്മാടിക്കിളി

ABHINAND CHANDRAN



Wet Season

0.2% of lists



Dry Season

0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Malabar Lark

Galerida malabarica

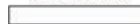
കൊമ്പൻ വാനമ്പാടി

ABHINAND CHANDRAN



Wet Season

< 0.1% of lists



Dry Season

0.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Common Tailorbird

Orthotomus sutorius

തൂനാശൻ

KRISHNAKUMAR K IYER



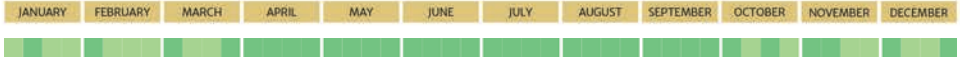
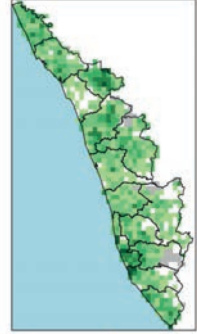
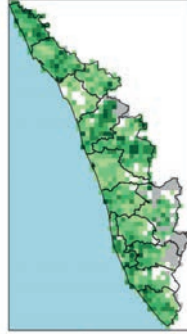
Wet Season

36.2% of lists



Dry Season

26.5% of lists



Grey-breasted Prinia

Prinia hodgsonii

താലിക്കുരുവി

ABHINAND CHANDRAN



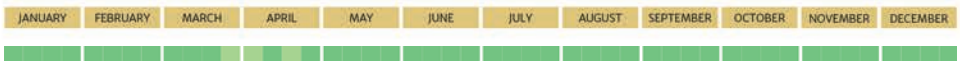
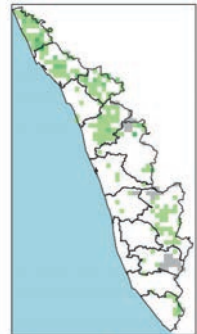
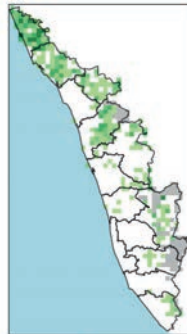
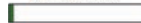
Wet Season

6.9% of lists



Dry Season

3.2% of lists



Jungle Prinia
Prinia sylvatica

ചെട്ടിക്കുരുവി

MOHAMMED SAYEER PK



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Ashy Prinia
Prinia socialis

കരിവിലാലൻകുരുവി

JISHNU NARAYANAN



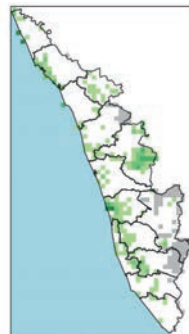
Wet Season

3.8% of lists



Dry Season

1.8% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Plain Prinia

Prinia inornata

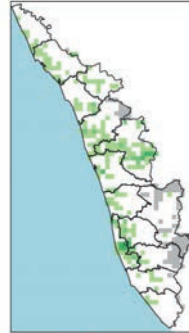
വയൽക്കുരുവി

ABHINAND CHANDRAN



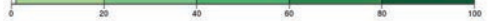
Wet Season

3.9% of lists



Dry Season

2.7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Zitting Cisticola

Cisticola juncidis

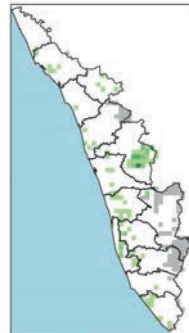
പോതപ്പൊട്ടൻ

ANEESH SASIDEVAN



Wet Season

1.6% of lists



Dry Season

0.8% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Golden-headed Cisticola (Bright-headed Cisticola)

Cisticola exilis

നെൽപ്പൊട്ടൻ

ABHINAND CHANDRAN



Wet Season

0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Thick-billed Warbler

Arundinax aedon

പെരങ്കൊക്കൻ കുരുവി

KRISHNAKUMAR K IYER



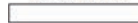
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Booted Warbler
Iduna caligata

മൂടിക്കാലൻ കുരുവി

AFSAR NAYARKKAN



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Sykes's Warbler
Iduna rama

പൊന്തക്കുരുവി

KRISHNAKUMAR K IYER



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Paddyfield Warbler
Acrocephalus agricola

പാടക്കുരുവി

JISHNU R



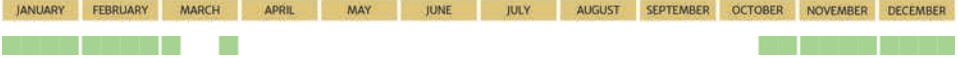
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Blyth's Reed Warbler
Acrocephalus dumetorum

ഇറുറുപൊളപ്പൻ

ABHINAND CHANDRAN



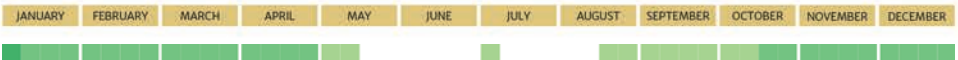
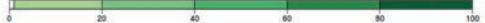
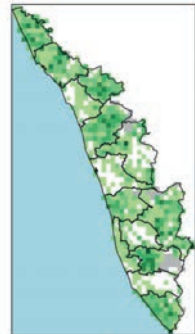
Wet Season

< 0.1% of lists



Dry Season

21.4% of lists



Clamorous Reed Warbler (Indian Great Reed Warbler)
Acrocephalus stentoreus

കൈതകളൂർ

SREEKUMAR K GOVINDANKUTTY



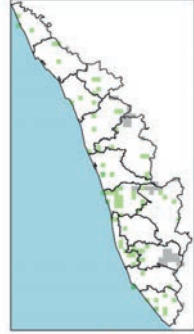
Wet Season

< 0.1% of lists



Dry Season

0.8% of lists



Broad-tailed Grassbird
Schoenicola platyurus

പോതക്കിളി

BLU PB



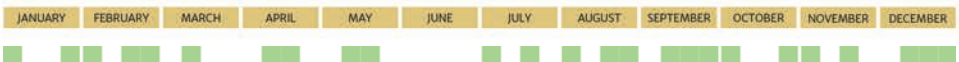
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Dusky Crag-Martin
Ptyonoprogne concolor

തവിടൻ കരുകി

ARUN SHANKAR



Wet Season

0.8% of lists



Dry Season

0.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Barn Swallow
Hirundo rustica

വയൽക്കോതിക്കരുകി

JISHNU R



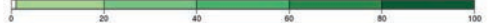
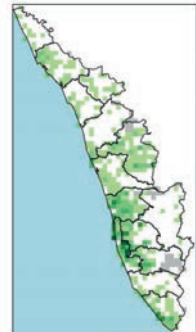
Wet Season

0.2% of lists



Dry Season

8.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Wire-tailed Swallow

Hirundo smithii

കമ്പിവാലൻ കുരിക

AFSAR NAYARKKAN



Wet Season

0.3% of lists



Dry Season

0.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Hill Swallow (House Swallow)

Hirundo domicola

കാനകകുരിക

MURALI MOHAN



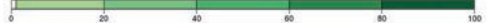
Wet Season

0.5% of lists



Dry Season

0.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Red-rumped Swallow
Cecropis daurica

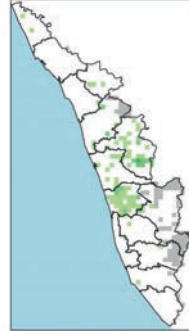
വരയൻ കുരിക

ABHINAND CHANDRAN



Wet Season

1.6% of lists



Dry Season

4.6% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Streak-throated Swallow
Petrochelidon fluvicola

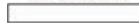
ചെറുവരയൻ കുരിക

BIJU P. B.



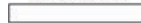
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Grey-headed Bulbul
Brachyodius priocephalus

ചാരത്തലയൻ ബുൾബുൾ

SREEJITH R PILLAI



Wet Season

0.5% of lists



Dry Season

0.8% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Flame-throated Bulbul (Ruby-throated Bulbul)
Rubigula gularis

മണികണ്ഠൻ

JISHNU R



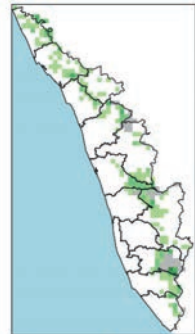
Wet Season

2.4% of lists



Dry Season

3.6% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Red-vented Bulbul
Pycnonotus cafer

നാട്ടുബുൾബുൾ

JJU VINOD



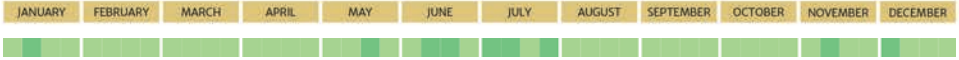
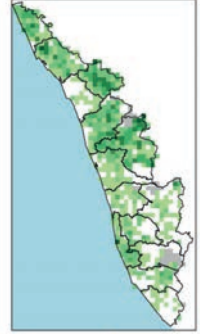
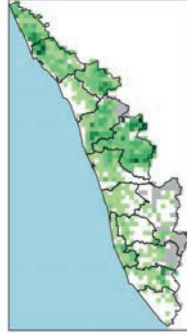
Wet Season

17.8% of lists



Dry Season

18.1% of lists



Red-whiskered Bulbul
Pycnonotus jocosus

ഇരട്ടത്തലച്ചി ബുൾബുൾ

NESRU TIRUR



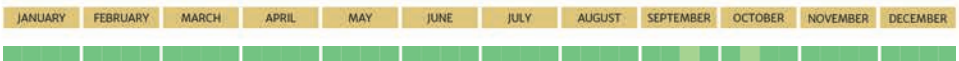
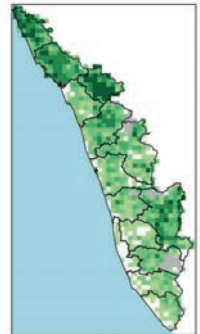
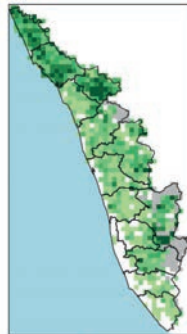
Wet Season

28.6% of lists



Dry Season

33% of lists



Yellow-throated Bulbul
Pycnonotus xantholaemus

മഞ്ഞത്താലി ബുൾബുൾ

BUJU PB



Wet Season

< 0.1% of lists



Dry Season

0% of lists



White-browed Bulbul
Pycnonotus luteolus

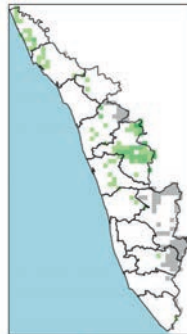
തവിടൻ ബുൾബുൾ

NISHAD ESHAL



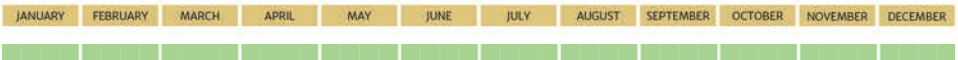
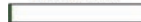
Wet Season

1.9% of lists



Dry Season

1.9% of lists



Yellow-browed Bulbul

Iole indica

മഞ്ഞച്ചിന്നൻ

SREEDEVI MADHAVAN



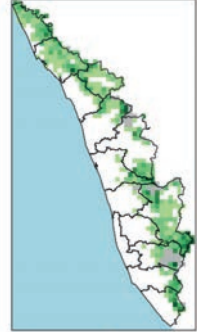
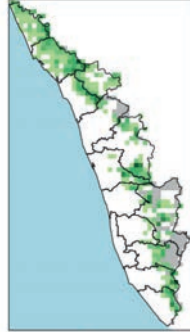
Wet Season

9.8% of lists



Dry Season

12% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Square-tailed Bulbul (Black Bulbul)

Hypsipetes ganeesa

കരിമ്പൻ കാട്ടമ്പുൾ

REJ CHANDRAN



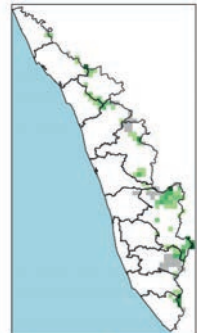
Wet Season

0.5% of lists



Dry Season

2.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Tytler's Leaf Warbler
Phylloscopus tytleri

സൂചിമൂവി ഇലക്കരവി

SATHYAN MEPPAYUR



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Tickell's Leaf Warbler
Phylloscopus affinis

മഞ്ഞ ഇലക്കരവി

NEERU TIRUR



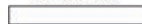
Wet Season

0% of lists



Dry Season

0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Green/Greenish Warbler
Phylloscopus nitidus/trochiloides

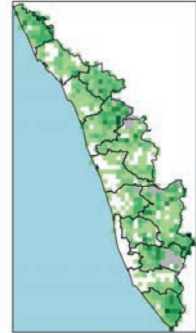
കടും/ഇളം പച്ചപ്പൊടിക്കരവി

ABHINAND CHANDRAN



Wet Season
0.4% of lists

Dry Season
22.6% of lists



Large-billed Leaf Warbler
Phylloscopus magnirostris

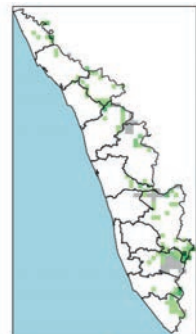
ചൂളൻ ഇലക്കരവി

PREMCHAND RAGHUVARAN



Wet Season
< 0.1% of lists

Dry Season
1.9% of lists



Western Crowned Warbler

Phylloscopus occipitalis

കുറിത്തലയൻ ഇലക്കുരുവി

RATHISH R L



Wet Season

0% of lists



Dry Season

0.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Yellow-eyed Babbler

Chrysomma sinense

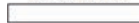
മഞ്ഞക്കണ്ണിച്ചിലപ്പൻ

VINEETH VISWANATH



Wet Season

< 0.1% of lists



Dry Season

0% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Lesser Whitethroat
Sylvia curruca

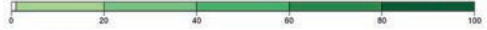
വെൺതാലിക്കരവി



VINOD KUMAR

Wet Season
0% of lists

Dry Season
< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian White-eye (Oriental White-eye)
Zosterops palpebrosus

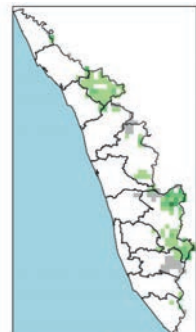
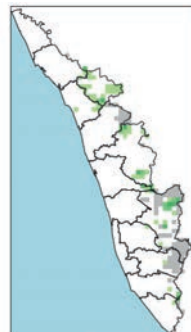
വെള്ളിക്കണ്ണിക്കരവി



PAULSON JOY

Wet Season
1.4% of lists

Dry Season
2.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Tawny-bellied Babbler
Dumetia hyperythra

ചിനച്ചിലപ്പൻ

REJI CHANDRAN



Wet Season
0.1% of lists

Dry Season
0.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Dark-fronted Babbler
Rhopocichla atriceps

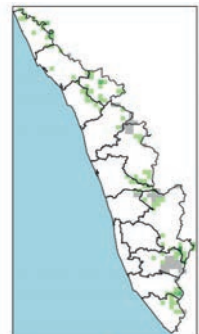
പൊടിച്ചിലപ്പൻ

PRASHANTHA KRISHNA MC



Wet Season
1.1% of lists

Dry Season
1.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Scimitar-Babbler

Pomatorhinus horsfieldii

ചോലക്കടുവൻ

PAULSON JOY



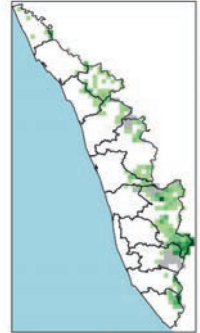
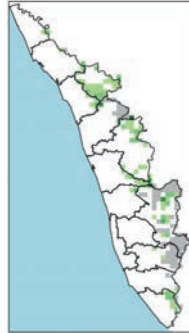
Wet Season

2% of lists



Dry Season

4.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Puff-throated Babbler

Pellorneum ruficeps

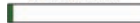
പുള്ളിച്ചിലപ്പൻ

ABHINAND CHANDRAN



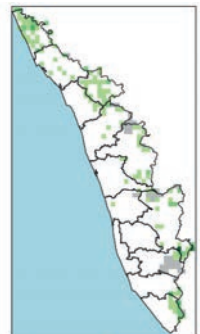
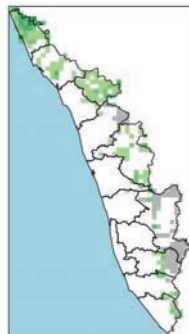
Wet Season

3.6% of lists



Dry Season

2.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Brown-cheeked Fulvetta
Alcippe poioicephala

കാതച്ചിലപ്പൻ

ROSHNATH RAMESH



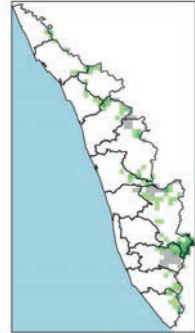
Wet Season

1.5% of lists



Dry Season

2.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Large Grey Babbler
Turdoides malcolmi

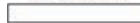
ചാരച്ചിലപ്പൻ

ABHINAV CHANDRAN



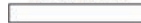
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Rufous Babbler

Turdoides subrufa

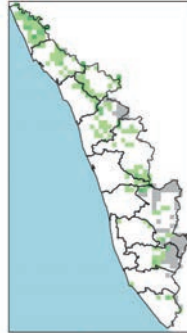
ചെഞ്ചിലപ്പൻ

ABHINAND CHANDRAN



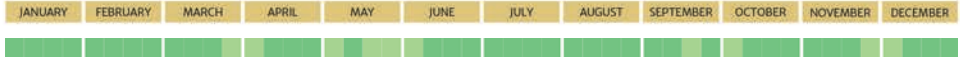
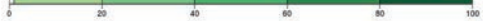
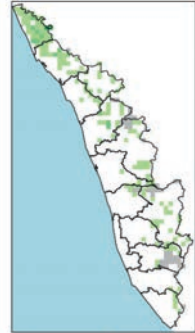
Wet Season

2.8% of lists



Dry Season

2% of lists



Jungle Babbler

Turdoides striata

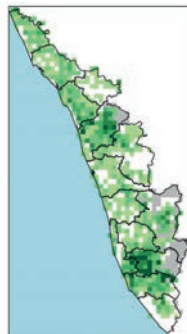
കരിയിലകിളി

MOHAMMED SAYEER PK



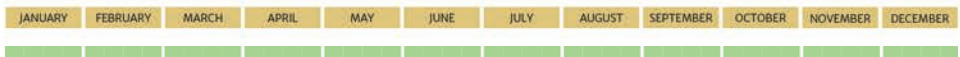
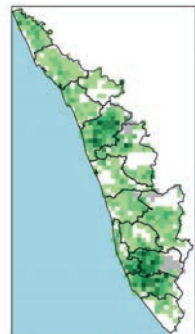
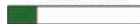
Wet Season

22.2% of lists



Dry Season

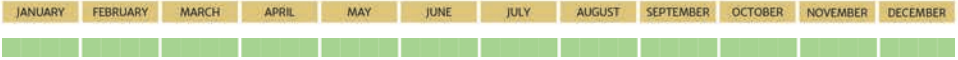
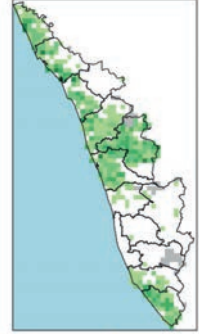
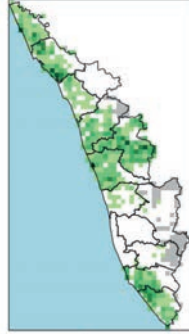
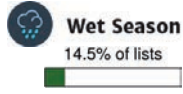
21.3% of lists



Yellow-billed Babbler
Turdoides affinis

പൂത്താങ്കീരി

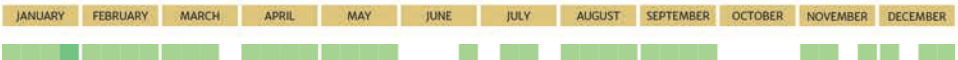
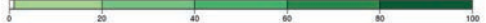
MOHAMMED RAMEES K



Wayanad Laughingthrush
Ianthocincla delesserti

പതുങ്ങൻ ചിലപ്പൻ

SATHYAN MEPPAYUR



Banasura Laughingthrush (Banasura Chilappan)

Montecinla jerdoni

ബാനാസൂര ചിലച്ചിലപ്പൻ

ABHINAND CHANDRAN



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Nilgiri Laughingthrush (Nilgiri Chilappan)

Montecinla cachinnans

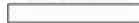
നീലഗിരി ചിലച്ചിലപ്പൻ

ABHINAND CHANDRAN



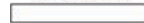
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Palani Laughingthrush (Palani Chilappan)

Montecinla fairbanki

വടക്കൻ ചിലുചിലുപ്പൻ

BUJU PB



Wet Season

0.5% of lists



Dry Season

0.9% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Ashambu Laughingthrush (Ashambu Chilappan)

Montecinla meridionalis

തെക്കൻ ചിലുചിലുപ്പൻ

SATHYAN MEPPAYUR



Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Nuthatch

Sitta castanea

തമ്രോദരൻ ഗൌളികിളി

SATHYAN MEPPAYUR



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Velvet-fronted Nuthatch

Sitta frontalis

ഗൌളികിളി

BLU PB



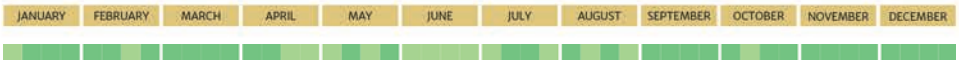
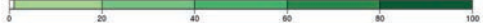
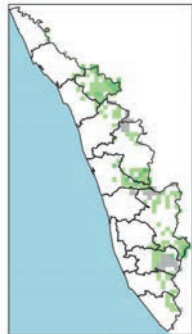
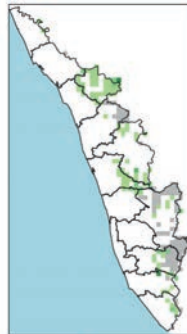
Wet Season

1.6% of lists



Dry Season

2.3% of lists



Southern Hill Myna
Gracula indica

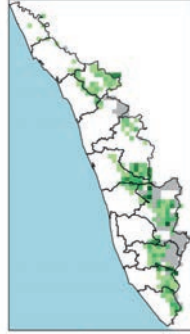
കാട്ടുമൈന

SHALU AMANA



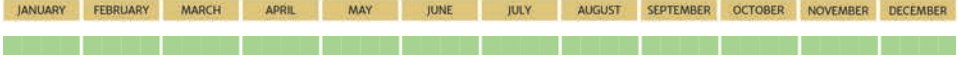
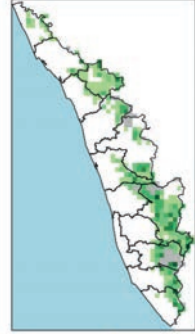
Wet Season

6.1% of lists



Dry Season

9.3% of lists



Rosy Starling
Pastor roseus

റോസ് മൈന

NESRU TIRUR



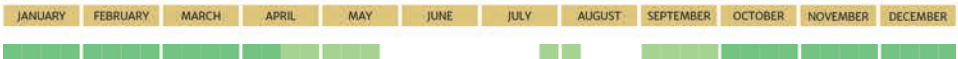
Wet Season

< 0.1% of lists



Dry Season

1.3% of lists



Brahminy Starling
Sturnia pagodarum

കരിന്തലച്ചിക്കാളി

BUJU PB



Wet Season

0.3% of lists



Dry Season

0.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Chestnut-tailed Starling
Sturnia malabarica

ചാരത്തലക്കാളി

JLU VINOD



Wet Season

0% of lists



Dry Season

2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Malabar Starling (Blyth's Starling)
Sturnia blythii

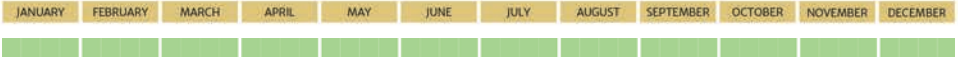
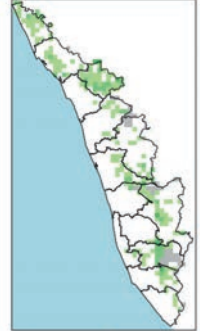
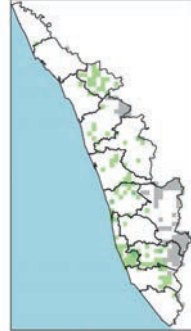
ഗന്ധർവ്വ ചാരക്കാളി

LATHISH R NATH



Wet Season
1.5% of lists

Dry Season
3.4% of lists



Common Myna
Acridotheres tristis

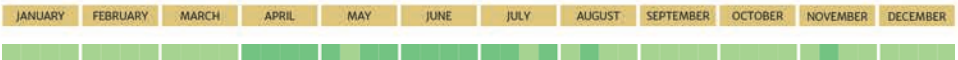
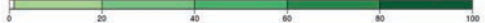
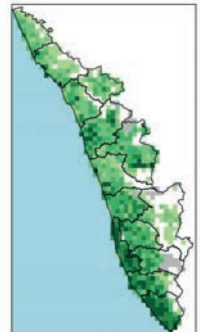
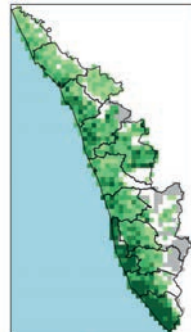
നാട്ടുമൈന

JISHNU R



Wet Season
39.2% of lists

Dry Season
35.7% of lists



Jungle Myna
Acridotheres fuscus

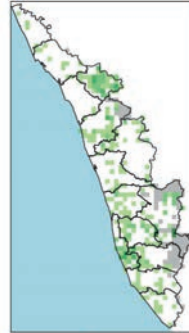
കിന്നരിമൈന

ABHINAND CHANDRAN



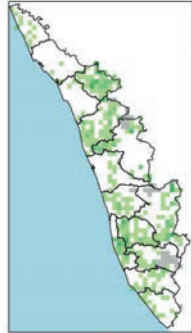
Wet Season

4.9% of lists



Dry Season

5.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Nilgiri Thrush
Zoothera neilgherriensis

കോഴിക്കിളിപ്പൊന്നൻ

MOHAMMED SAYEER PK



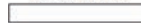
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Orange-headed Thrush
Geokichla citrina

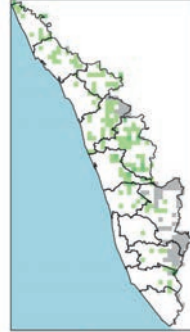
കരിക്കണ്ണൻ കാട്ടുപൂജൽ

ABHINAND CHANDRAN



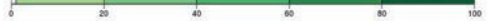
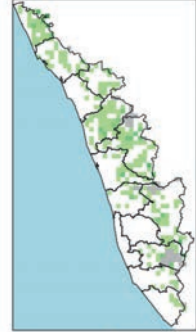
Wet Season

2.2% of lists



Dry Season

3.6% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Blackbird
Turdus simillimus

കരിങ്കിളി

MOHAMMED SAYEER PK



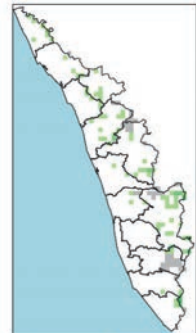
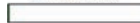
Wet Season

0.1% of lists



Dry Season

1.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Asian Brown Flycatcher
Muscicapa dauurica

തവിട്ടുപാറ്റവികിയാൻ

MOHAMMED RINAZ



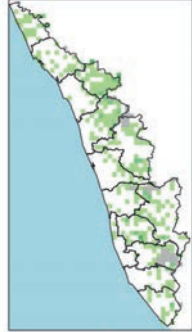
Wet Season

< 0.1% of lists



Dry Season

3.7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Brown-breasted Flycatcher
Muscicapa muttui

മുത്തുപിള്ള

JISHNU R



Wet Season

< 0.1% of lists



Dry Season

1.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Robin
Copsychus fulvicatus

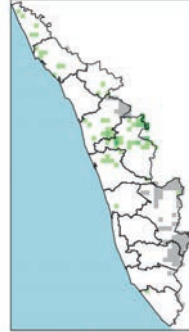
കൽമണ്ണാതി

NAJEEB K



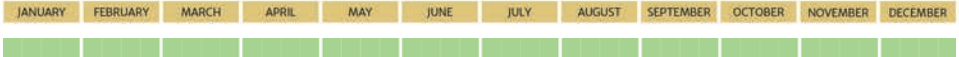
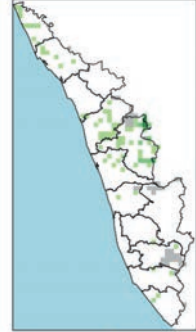
Wet Season

1% of lists



Dry Season

1.1% of lists



Oriental Magpie-Robin
Copsychus saularis

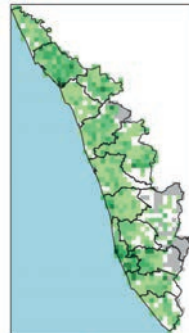
മണ്ണാതിപ്പുള്ളി

NESRU TIRUR



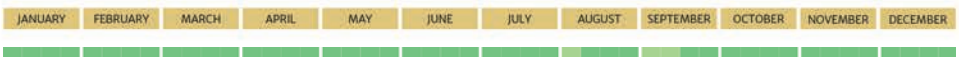
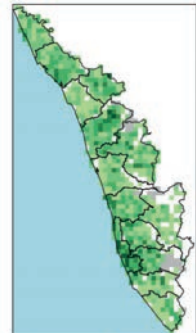
Wet Season

20.8% of lists



Dry Season

26.9% of lists



White-rumped Shama
Copsychus malabaricus

ഛാമകിളി

BUU PB



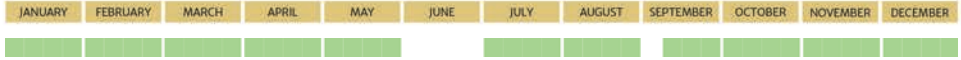
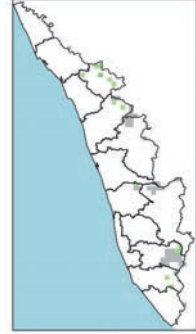
Wet Season

0.1% of lists



Dry Season

0.1% of lists



White-bellied Sholakili
Sholicola albiventris

വെള്ളവയറൻ ചോലകിളി

MOHAMMED SAYEER PK



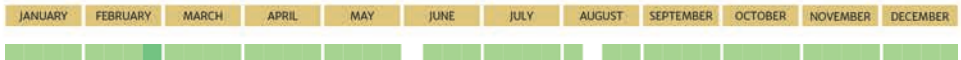
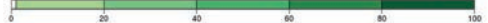
Wet Season

< 0.1% of lists



Dry Season

0.2% of lists



White-bellied Blue Flycatcher

Cyornis pallidipes

കാട്ടുനീലി

SREEJESH K NAIR



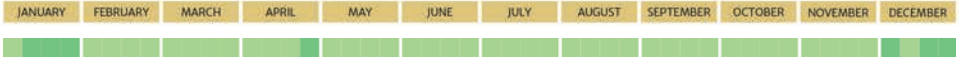
Wet Season

0.2% of lists



Dry Season

0.5% of lists



Blue-throated Flycatcher

Cyornis rubeculoides

നീലച്ചമ്പൻ പറുപിടിയൻ

BLU PB



Wet Season

0% of lists



Dry Season

0.4% of lists



Tickell's Blue Flycatcher
Cyornis tickelliae

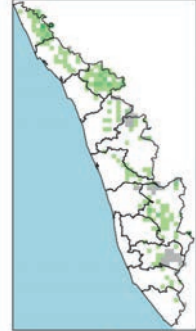
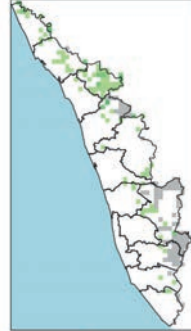
നീലക്കുരുവി പാറ്റപിടിയൻ

ROSHNATH RAMESH



Wet Season
1.3% of lists

Dry Season
2.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Nilgiri Flycatcher
Eumyias albicaudatus

നീലക്കിളി പാറ്റപിടിയൻ

JISHNU NARAYANAN



Wet Season
0.1% of lists

Dry Season
0.6% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Verditer Flycatcher
Eumyias thalassinus

നീലമേനി പാറ്റപ്പിടിയൻ

BJU PB



Wet Season

< 0.1% of lists



Dry Season

0.6% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Indian Blue Robin
Larvora brunnea

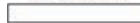
നീലത്തൻ

JLU VINOD



Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Malabar Whistling-Thrush
Myophonus horsfieldii

പൂട്ടിക്കൊക്ക

MOHAMMED RINAZ



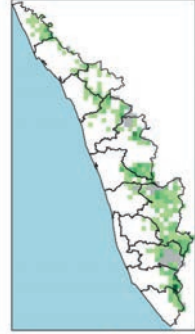
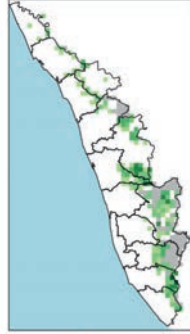
Wet Season

5.1% of lists



Dry Season

5.7% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black-and-orange Flycatcher
Ficedula nigrorufa

കരിഞ്ചമ്പൻ പാറപിടിയൻ

JISHNU R



Wet Season

0.1% of lists



Dry Season

0.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Rusty-tailed Flycatcher
Ficedula ruficauda

ചെമ്പുവാലൻ പാറ്റപ്പിടിയൻ

JJU VINOD



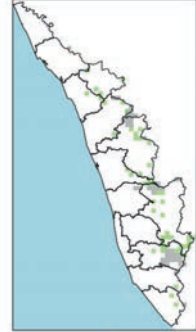
Wet Season

< 0.1% of lists



Dry Season

0.5% of lists



Taiga Flycatcher (Red-throated Flycatcher)
Ficedula albicilla

ചെങ്കണ്ണൻ പാറ്റപ്പിടിയൻ

REJI CHANDRAN



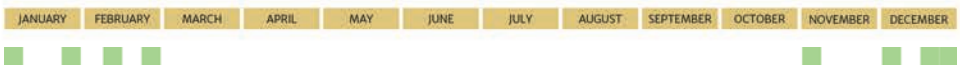
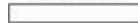
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Blue-capped Rock-Thrush
Monticola cinclorhyncha

മേനിപ്പാറക്കിളി

BUJU PB



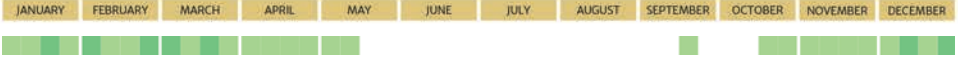
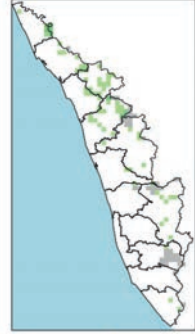
Wet Season

0% of lists



Dry Season

0.8% of lists



Blue Rock-Thrush
Monticola solitarius

നീലപ്പാറക്കിളി

ABHINAND CHANDRAN



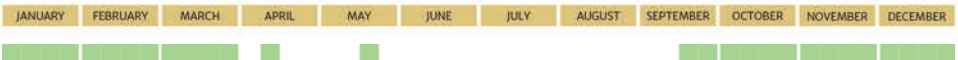
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Siberian Stonechat (Common Stonechat)

Saxicola maurus

ചരൽക്കുരുവി

LATHISH R NATH



Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Pied Bushchat

Saxicola caprata

ചുറ്റിത്തൽക്കിളി

ABHINAND CHANDRAN



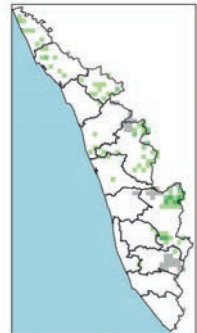
Wet Season

0.9% of lists



Dry Season

1.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Thick-billed Flowerpecker *Dicaeum agile*

നീലച്ചുണ്ടൻ ഇത്തിക്കണ്ണിക്കരുവി

PRASHANTHA KRISHNA MC



Wet Season

0.3% of lists



Dry Season

0.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Pale-billed Flowerpecker *Dicaeum erythrorhynchos*

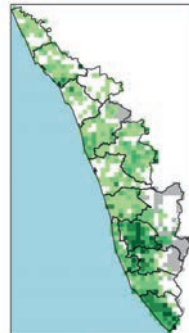
ചെങ്കൊക്കൻ ഇത്തിക്കണ്ണിക്കരുവി

SREEKUMAR K GOVINDANKUTTY



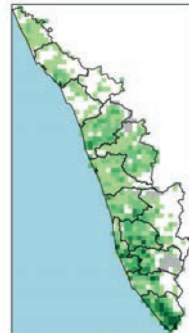
Wet Season

22% of lists



Dry Season

18.8% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Nilgiri Flowerpecker

Dicaeum concolor

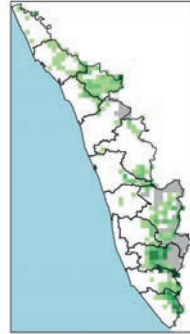
കരിമ്പൂണ്ടൻ ഇത്തിക്കണ്ണിക്കുരുവി

REJI CHANDRAN



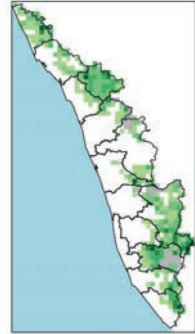
Wet Season

7% of lists



Dry Season

11.5% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Purple-rumped Sunbird

Leptocoma zeylonica

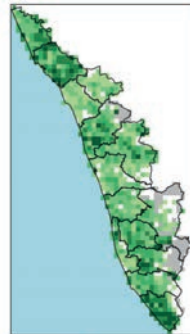
മഞ്ഞത്തേൻകിളി

NESRU TIRUR



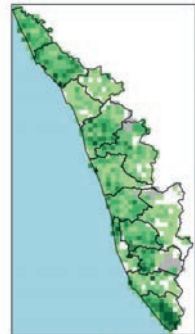
Wet Season

36.2% of lists



Dry Season

29.5% of lists



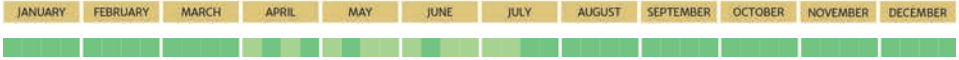
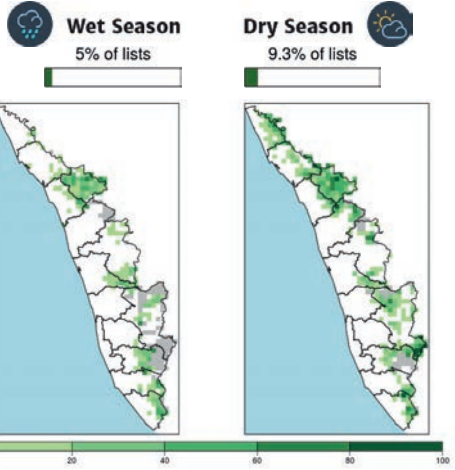
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Crimson-backed Sunbird (Small Sunbird)
Leptocoma minima

ചെറുതേൻകിളി

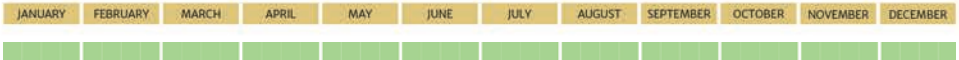
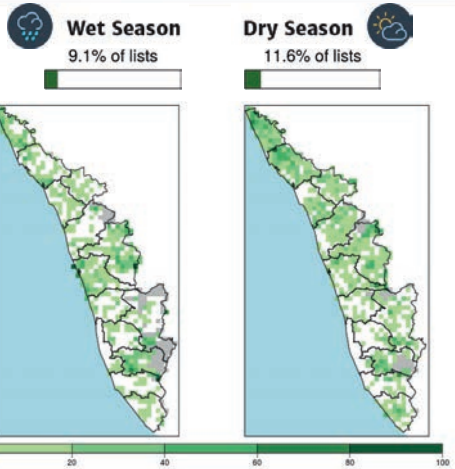
MOHAMMED SAYEER PK



Purple Sunbird
Cinnyris asiaticus

കറുപ്പൻ തേൻകിളി

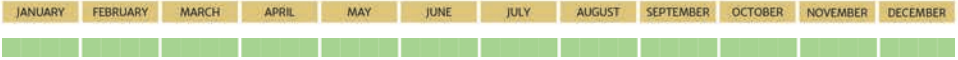
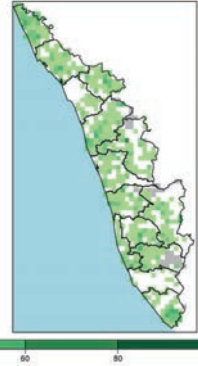
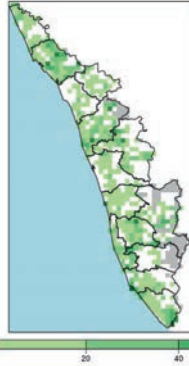
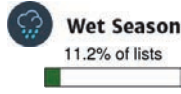
BIJU PB



Loten's Sunbird (Long-billed Sunbird)
Cinnyris lotenius

കൊക്കൻ തേൻകിളി

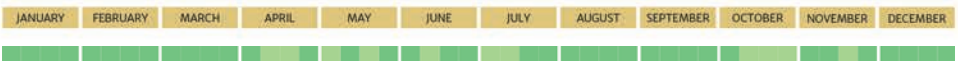
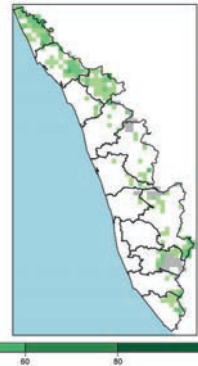
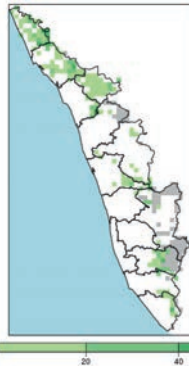
ABHINAND CHANDRAN



Little Spiderhunter
Arachnothera longirostra

തേൻകിളിമാടൻ

PREMCHAND RAGHUVARAN



Asian Fairy-bluebird
Irena puella

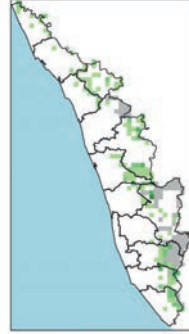
ലളിത

BUJU PB



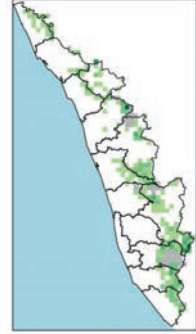
Wet Season

2.3% of lists



Dry Season

4.3% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Jerdon's Leafbird (Jerdon's Chloropsis)
Chloropsis jerdoni

നാട്ടിലകിളി

ANEEESH SASIDEVAN



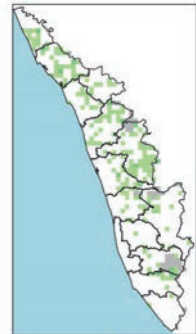
Wet Season

2.6% of lists



Dry Season

2.4% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Golden-fronted Leafbird (Golden-fronted Chloropsis)
Chloropsis aurifrons

കാട്ടിലകിളി

SIDHARTH S NAMBIAR



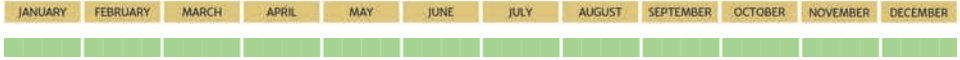
Wet Season

5.2% of lists



Dry Season

5.4% of lists



Streaked Weaver
Ploceus manyar

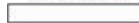
കായലാറ്റ

REJI CHANDRAN



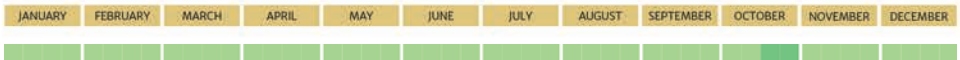
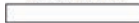
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Baya Weaver
Ploceus philippinus

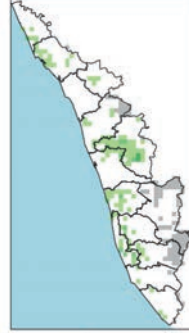
ആക്കുരുവി

SREEKUMAR K GOVINDANKUTTY



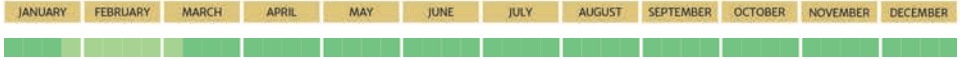
Wet Season

2.2% of lists



Dry Season

0.3% of lists



Indian Silverbill (White-throated Munia)
Euodice malabarica

വയലാറു

SANTHOSH KALLINGAL



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



White-rumped Munia
Lonchura striata

ആറ്റക്കുറുപ്പൻ

JISHNU R



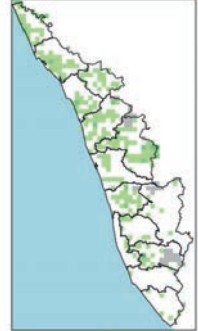
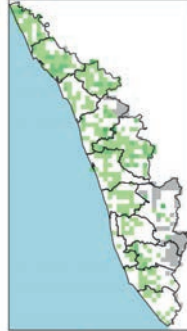
Wet Season

5.9% of lists



Dry Season

3.2% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black-throated Munia
Lonchura kelaarti

തോട്ടക്കാരൻ

NAVEENAL PAYERI



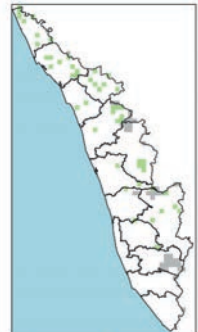
Wet Season

0.7% of lists



Dry Season

0.5% of lists



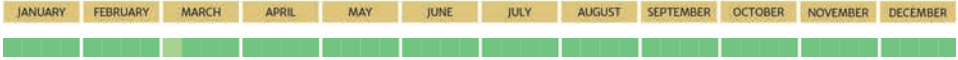
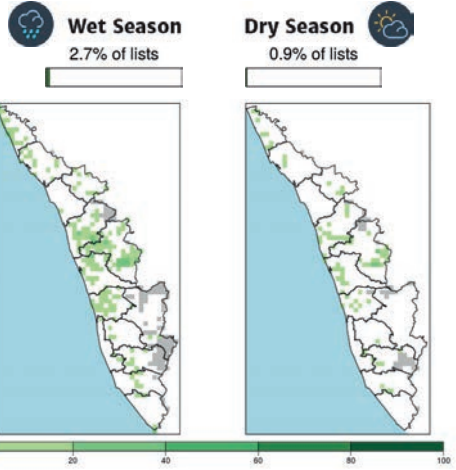
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Scaly-breasted Munia (Spotted Munia)
Lonchura punctulata

ചുട്ടിയാറ്റ

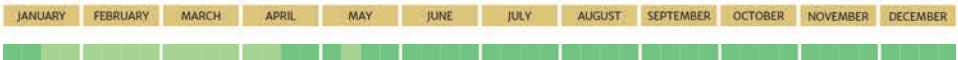
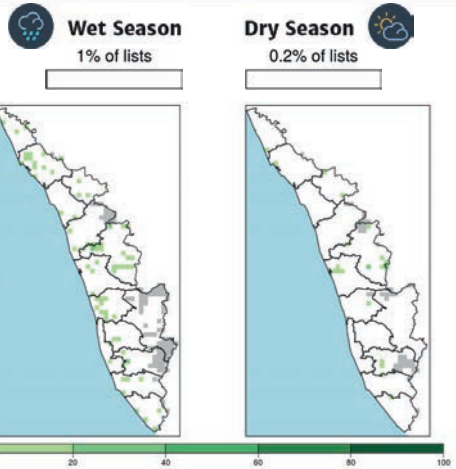
SABARISH D



Tricolored Munia (Black-headed Munia)
Lonchura malacca

ആറ്റച്ചമ്പൻ

JISHNU R



House Sparrow
Passer domesticus

അങ്ങാടിക്കുരുവി

ANEESH SASIDEVAN



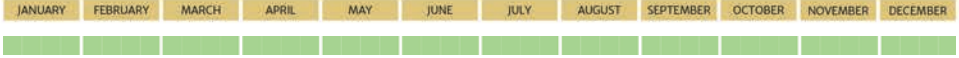
Wet Season

1.5% of lists



Dry Season

1.5% of lists



Yellow-throated Sparrow (Chestnut-shouldered Petronia)
Gymnoris xanthocollis

മഞ്ഞത്താലി

MOHAMMED SAYEER PK



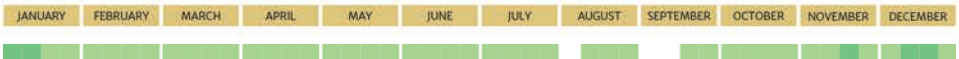
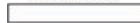
Wet Season

0% of lists



Dry Season

0.3% of lists



Forest Wagtail
Dendronanthus indicus

കാട്ടുവാലുകല്പക്കി

JISHNU R



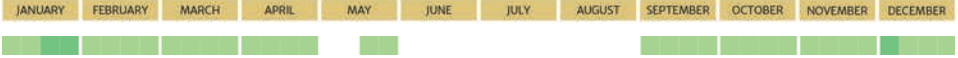
Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



Grey Wagtail
Motacilla cinerea

വഴികല്പക്കി

ABHINAND CHANDRAN



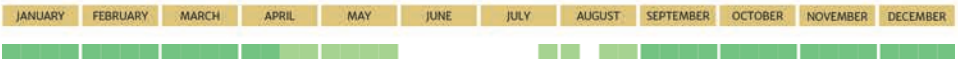
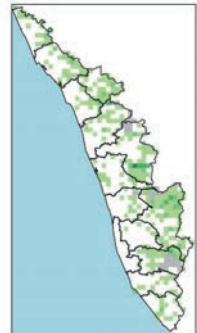
Wet Season

0.5% of lists



Dry Season

4.6% of lists



Western Yellow Wagtail
Motacilla flava

മഞ്ഞ വാലുകുലുക്കി

SREEKUMAR K GOVINDANKUTTY



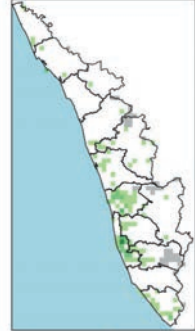
Wet Season

< 0.1% of lists



Dry Season

1.7% of lists



White-browed Wagtail (Large Pied Wagtail)
Motacilla maderaspatensis

വലിയ വാലുകുലുക്കി

JISHNU R



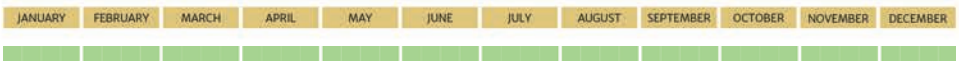
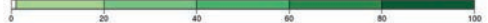
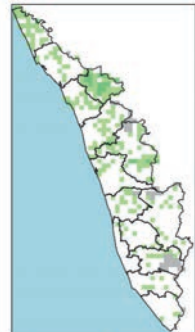
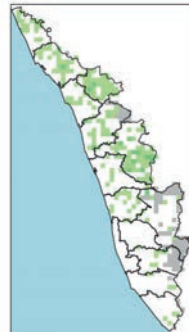
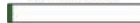
Wet Season

3% of lists



Dry Season

3.1% of lists



White Wagtail
Motacilla alba

വെള്ള വാലുകുഴക്കി

KRISHNAKUMAR K IYER



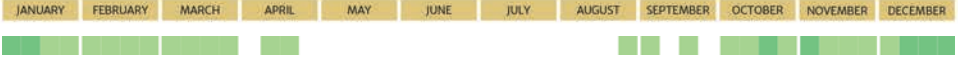
Wet Season

0% of lists



Dry Season

0.1% of lists



Richard's Pipit
Anthus richardi

വലിയ വരമ്പൻ

SHYAMKUMAR PURAVANIGARA



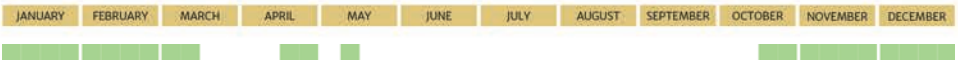
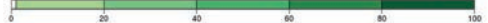
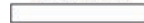
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Paddyfield Pipit

Anthus rufulus

വയൽവരമ്പൻ

ABHINAV CHANDRAN



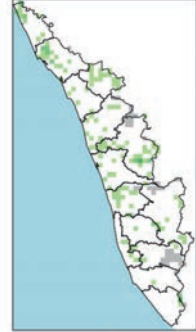
Wet Season

0.9% of lists



Dry Season

1.9% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Long-billed Pipit

Anthus similis

പാറനീരങ്ങൻ

BLU P. B.



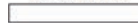
Wet Season

0% of lists



Dry Season

< 0.1% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Blyth's Pipit
Anthus godlewskii

ബ്ലൈറ്റ് വരമ്പൻ

AFSAR NAYARKKAN



Wet Season
0% of lists

Dry Season
< 0.1% of lists



Nilgiri Pipit
Anthus nilghiriensis

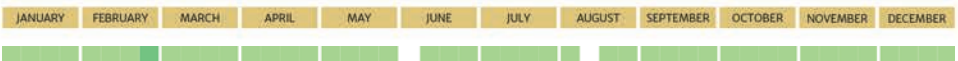
മലവരമ്പൻ

BLU PB



Wet Season
0% of lists

Dry Season
0.1% of lists



Tree Pipit
Anthus trivialis

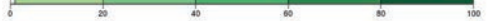
മരവരമ്പൻ

PRASHANTHA KRISHNA MC



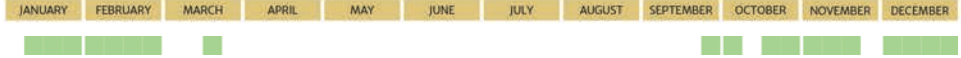
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Olive-backed Pipit
Anthus hodgsoni

പച്ചവരമ്പൻ

KRISHNAKUMAR K IYER



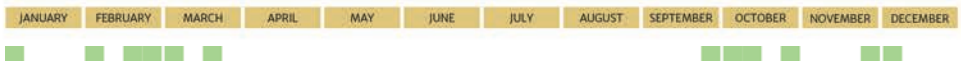
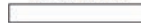
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Common Rosefinch
Carpodacus erythrinus

റോസൂരവി

BUJU PB



Wet Season

0% of lists



Dry Season

0.8% of lists



JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



References

Chandran, A., J. Praveen & C. Sashikumar (2020). JoTT Checklist of the birds of Kerala (v1.0), 01 January 2020. <https://threatenedtaxa.org/index.php/JoTT/checklists/birds/kerala> Accessed on 30 December 2020

Clements, J. F., T. S. Schulenberg, M. J. Iliff, S. M. Billerman, T. A. Fredericks, B. L. Sullivan, and C. L. Wood. 2019. The eBird/Clements Checklist of Birds of the World: v2019. Downloaded from <https://www.birds.cornell.edu/clementschecklist/download/> Accessed on 30 December 202

Mannar, H. & Sumesh P. B., 2016. An atlas of the birds of Alappuzha: 2016. 1–95. CGH Earth. Thrissur, India

Praveen, E.S. & Sreekumar, E.R. 2016. An Atlas of the Birds of Thrissur. 1-100. Bird Count India, Cochin Natural History Society, College of Forestry, KAU, Indian Bird Conservation Network, Kerala Forest Department, eBird, Kerala Birder & Koodu Nature Magazine.

Sashikumar, C. & Roshnath, R. 2017. An atlas of the birds of Kannur. 1–152. Kerala Forest and Wildlife Department (Social Forestry Kannur), Malabar Natural History Society, Malabar Awareness & Rescue Centre for Wildlife, Sir Syed College, Bird Count India. Thrissur, Kerala, India

Meppayur, S. & Mujeeb P.M. 2020. An Atlas of Birds of Kozhikode. 1-126. Kerala Forest and Wildlife Department [Social forestry. Kozhikode Division], Malabar Natural History Society & Bird Count India.

Mannar, H. & Sreekumar, B. 2020. An Atlas of the Birds of Kottayam. 1-108. Kerala Forests and Wildlife Department (Social Forestry, Kottayam Division), Kottayam Nature Society & Bird Count India

Rodrigues, K. M. & Krishna, M. C. P. 2020. An Atlas of the Birds of Kasaragod. 1-126. Kerala Forests and Wildlife Department (Social Forestry, Kasaragod Division), Kasaragod Birders & Bird Count India

Index

- Adjutant, Lesser 84
 Babbler, Dark-fronted 174
 Jungle 177
 Large Grey 176
 Puff-throated 175
 Rufous 177
 Tawny-bellied 174
 Yellow-billed 178
 Yellow-eyed 172
 Barbet, Brown-headed 127
 Coppersmith 126
 Malabar 126
 White-cheeked 127
 Bay-Owl, Sri Lanka 111
 Baza, Black 97
 Jerdon's 97
 Bee-eater, Blue-bearded 122
 Blue-cheeked 123
 Blue-tailed 124
 Chestnut-headed 124
 Green 123
 Besra 107
 Bittern, Black 88
 Cinnamon 88
 Yellow 87
 Blackbird, Indian 186
 Bulbul, Flame-throated 166
 Grey-headed 166
 Red-vented 167
 Red-whiskered 167
 Square-tailed 169
 White-browed 168
 Yellow-browed 169
 Yellow-throated 168
 Bush-Quail, Jungle 30
 Painted 30
 Bushchat, Pied 196
 Bushlark, Jerdon's 154
 Buttonquail, Barred 73
 Buzzard, Common 110
 White-eyed 104
 Canary-Flycatcher, Grey-headed 152
 Cisticola, Golden-headed 159
 Zitting 158
 Collared-Dove, Eurasian 34
 Coot, Eurasian 52
 Cormorant, Great 86
 Indian 86
 Little 85
 Coucal, Greater 39
 Lesser 39
 Crag-Martin, Dusky 163
 Crane, Ruddy-breasted 55
 Slaty-legged 54
 Crow, House 151
 Large-billed 151
 Cuckoo, Banded Bay 42
 Grey-bellied 42
 Indian 44
 Pied 41
 Cuckooshrike, Black-headed 139
 Large 139
 Curlew, Eurasian 64
 Darter, Oriental 85
 Dollarbird, Oriental 125
 Dove, Asian Emerald 36
 Laughing 35
 Spotted 35
 Drongo, Ashy 145
 Black 144
 Bronzed 146
 Greater Racket-tailed 147
 Hair-crested 146
 White-bellied 145
 Drongo-Cuckoo, Fork-tailed 43
 Duck, Indian Spot-billed 26
 Knob-billed 24
 Dwarf-Kingfisher, Black-backed 120
 Eagle, Black 101
 Bonelli's 104
 Booted 103
 Greater Spotted 102

- Indian Spotted 102
 Rufous-bellied 101
 Steppe 103
 Eagle-Owl, Spot-bellied 112
 Eared-Nightjar, Great 45
 Egret, Cattle 92
 Great 90
 Intermediate 90
 Little 91
 Fairy-bluebird, Asian 201
 Falcon, Peregrine 135
 Fantail, White-browed 144
 Fish-Eagle, Lesser 109
 Fish-Owl, Brown 113
 Flameback, Black-rumped 132
 Common 131
 Greater 130
 Flamingo, Greater 32
 Flowerpecker, Nilgiri 198
 Pale-billed 197
 Thick-billed 197
 Flycatcher, Asian Brown 187
 Black-and-orange 193
 Blue-throated 190
 Brown-breasted 187
 Nilgiri 191
 Rusty-tailed 194
 Taiga 194
 Tickell's Blue 191
 Verditer 192
 White-bellied Blue 190
 Flycatcher-shrike, Bar-winged 143
 Francolin, Grey 31
 Frogmouth, Sri Lanka 45
 Fulvetta, Brown-cheeked 176
 Garganey 25
 Godwit, Bar-tailed 65
 Black-tailed 65
 Golden-Plover, Pacific 58
 Goshawk, Crested 106
 Grassbird, Broad-tailed 162
 Grebe, Little 32
 Green-Pigeon, Grey-fronted 37
 Orange-breasted 36
 Yellow-footed 37
 Greenshank, Common 71
 Gull, Black-headed 75
 Brown-headed 75
 Lesser Black-backed 76
 Pallas's 76
 Slender-billed 74
 Hanging-Parrot, Vernal 137
 Harrier, Montagu's 106
 Pallid 105
 Hawk-Cuckoo, Common 44
 Large 43
 Hawk-Eagle, Changeable 100
 Legge's 100
 Hawk-Owl, Brown 115
 Heron, Grey 89
 Purple 89
 Striated 93
 Honey-buzzard, Oriental 96
 Hoopoe, Eurasian 116
 Hornbill, Great 118
 Indian Grey 117
 Malabar Grey 117
 Ibis, Black-headed 94
 Glossy 94
 Imperial-Pigeon, Green 38
 Mountain 38
 Iora, Common 143
 Jacana, Bronze-winged 63
 Pheasant-tailed 63
 Junglefowl, Grey 31
 Kestrel, Eurasian 134
 Lesser 134
 Kingfisher, Black-capped 121
 Blue-eared 119
 Common 119
 Pied 122
 Stork-billed 120
 White-throated 121
 Kite, Black 108
 Black-winged 96
 Brahminy 108

- Koel, Asian 41
 Lapwing, Grey-headed 59
 Red-wattled 59
 Yellow-wattled 58
 Lark, Malabar 155
 Sykes's Short-toed 154
 Laughingthrush, Ashambu 180
 Banasura 179
 Nilgiri 179
 Palani 180
 Wayanad 178
 Leafbird, Golden-fronted 202
 Jerdon's 201
 Magpie-Robin, Oriental 188
 Malkoha, Blue-faced 40
 Sirkeer 40
 Marsh-Harrier, Eurasian 105
 Minivet, Orange 138
 Small 138
 Monarch, Black-naped 147
 Moorhen, Eurasian 52
 Munia, Black-throated 204
 Scaly-breasted 205
 Tricolored 205
 White-rumped 204
 Myna, Common 184
 Jungle 185
 Southern Hill 182
 Needletail, Brown-backed 48
 White-rumped 47
 Night-Heron, Black-crowned 93
 Nightjar, Jerdon's 46
 Jungle 46
 Savanna 47
 Nuthatch, Indian 181
 Velvet-fronted 181
 Openbill, Asian 82
 Oriole, Black-hooded 141
 Black-naped 140
 Indian Golden 140
 Osprey 95
 Owl, Barn 110
 Owlet, Jungle 113
 Spotted 114
 Oystercatcher, Eurasian 57
 Painted-Snipe, Greater 62
 Palm-Swift, Asian 50
 Paradise-Flycatcher, Indian 148
 Parakeet, Malabar 136
 Plum-headed 136
 Rose-ringed 135
 Peafowl, Indian 28
 Pelican, Spot-billed 87
 Piculet, Speckled 128
 Pied-Hornbill, Malabar 118
 Pigeon, Rock 33
 Pintail, Northern 27
 Pipit, Blyth's 211
 Long-billed 210
 Nilgiri 211
 Olive-backed 212
 Paddyfield 210
 Richard's 209
 Tree 212
 Pitta, Indian 137
 Plover, Black-bellied 57
 Common Ringed 61
 Kentish 61
 Little Ringed 62
 Pond-Heron, Indian 92
 Pratincole, Small 74
 Prinia, Ashy 157
 Grey-breasted 156
 Jungle 157
 Plain 158
 Pygmy-Goose, Cotton 25
 Quail, Rain 29
 Rail, Slaty-breasted 51
 Redshank, Common 73
 Reef-Heron, Western 91
 Robin, Indian 188
 Indian Blue 192
 Rock-Thrush, Blue 195
 Blue-capped 195
 Roller, Indian 125
 Rosefinch, Common 213

- Ruff 66
 Sand-Plover, Greater 60
 Lesser 60
 Sanderling 68
 Sandpiper, Common 70
 Curlew 67
 Green 71
 Marsh 72
 Terek 70
 Wood 72
 Scimitar-Babbler, Indian 175
 Scops-Owl, Indian 111
 Oriental 112
 Sea-Eagle, White-bellied 109
 Serpent-Eagle, Crested 99
 Shama, White-rumped 189
 Shikra 107
 Sholakili, White-bellied 189
 Shoveler, Northern 26
 Shrike, Bay-backed 149
 Brown 148
 Long-tailed 149
 Silverbill, Indian 203
 Skylark, Oriental 155
 Snake-Eagle, Short-toed 99
 Snipe, Common 69
 Pin-tailed 69
 Sparrow, House 206
 Yellow-throated 206
 Sparrow-Lark, Ashy-crowned 153
 Spiderhunter, Little 200
 Spoonbill, Eurasian 95
 Spurfowl, Painted 29
 Red 28
 Starling, Brahminy 183
 Chestnut-tailed 183
 Malabar 184
 Rosy 182
 Stilt, Black-winged 56
 Stint, Little 68
 Temminck's 67
 Stonechat, Siberian 196
 Stork, Black 83
 Painted 84
 Woolly-necked 83
 Storm-Petrel, Swinhoe's 82
 Wilson's 81
 Sunbird, Crimson-backed 199
 Loten's 200
 Purple 199
 Purple-rumped 198
 Swallow, Barn 163
 Hill 164
 Red-rumped 165
 Streak-throated 165
 Wire-tailed 164
 Swamphen, Grey-headed 53
 Swift, Alpine 49
 Blyth's 49
 Little 50
 Swiftlet, Indian 48
 Tailorbird, Common 156
 Teal, Green-winged 27
 Tern, Caspian 78
 Common 79
 Great Crested 80
 Gull-billed 77
 Lesser Crested 81
 Little 77
 River 79
 Sandwich 80
 Whiskered 78
 Thick-knee, Great 56
 Indian 55
 Thrush, Nilgiri 185
 Orange-headed 186
 Tit, Cinereous 152
 Indian Yellow 153
 Treepie, Rufous 150
 White-bellied 150
 Treeswift, Crested 51
 Trogon, Malabar 116
 Turnstone, Ruddy 66
 Turtle-Dove, Oriental 34
 Vulture, Red-headed 98
 White-rumped 98

- Wagtail, Forest 207
 Grey 207
 Western Yellow 208
 White 209
 White-browed 208
- Warbler, Blyth's Reed 161
 Booted 160
 Clamorous Reed 162
 Green/Greenish 171
 Large-billed Leaf 171
 Paddyfield 161
 Sykes's 160
 Thick-billed 159
 Tickell's Leaf 170
 Tytler's Leaf 170
 Western Crowned 172
- Watercock 53
- Waterhen, White-breasted 54
- Weaver, Baya 203
 Streaked 202
- Whimbrel 64
- Whistling-Duck, Lesser 24
- Whistling-Thrush, Malabar 193
- White-eye, Indian 173
- Whitethroat, Lesser 173
- Wood-Owl, Brown 115
 Mottled 114
- Wood-Pigeon, Nilgiri 33
- Woodpecker, Brown-capped Pygmy
129
 Heart-spotted 129
 Rufous 131
 Streak-throated 133
 White-bellied 133
 Yellow-crowned 130
- Woodshrike, Common 142
 Malabar 142
- Woodswallow, Ashy 141
- Wryneck, Eurasian 128
- Yellownape, Lesser 132





DISCOURAGE CROWD - ENCOURAGE SAFETY

Fight the spread of Novel Corona Virus (Covid-19)

ANTRIX CORPORATION LTD.



SATCOM SERVICES



SATELLITE SUBSYSTEMS



MISSION SUPPORT SERVICES

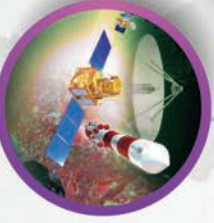


SATELLITES



LAUNCH SERVICES

CREATING VALUE FROM SPACE



SPACE CREATING ECOSYSTEM



TESTING & VALIDATION



REMOTE SENSING SERVICES



ANTRIX CORPORATION LTD.

A "Mini Ratna" Company

Antariksh Bhavan, New BEL Road, Bangalore-560 094, India

Phone: +91 80 2217 8302, Fax: +91 80 2217 8339

E-mail: mail@antrix.co.in Web Site: www.antrix.co.in

ISBN 978-93-5445-472-1



9 789354 454721