

AN ATLAS OF THE BIRDS OF KERALA



Praveen J & PO Nameer
January 2021

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Ornithology/Reference

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2021

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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.

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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, Sajeekumar 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, Ratish 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 Meleveettil, 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, Sritha 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.

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

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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.

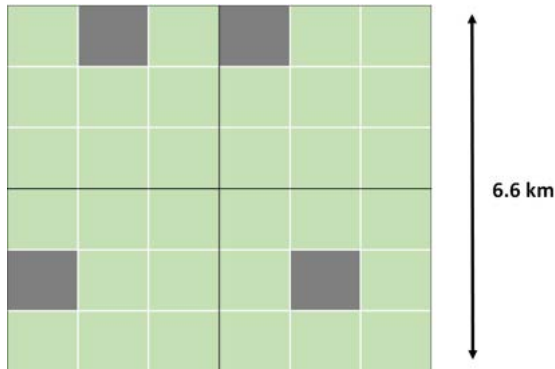


Figure 1: Randomly selected subcells in a grid

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.

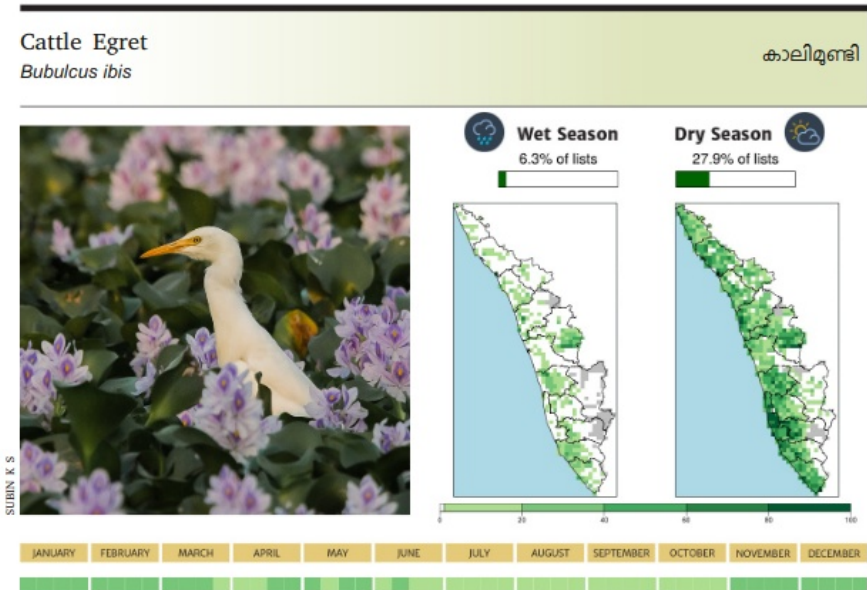


Figure 2: How to Read the Visualisations

Bird Atlas Survey – Results and Discussion

A total number of 382 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. 268 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

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 tyleri</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>Ocyroceros 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.

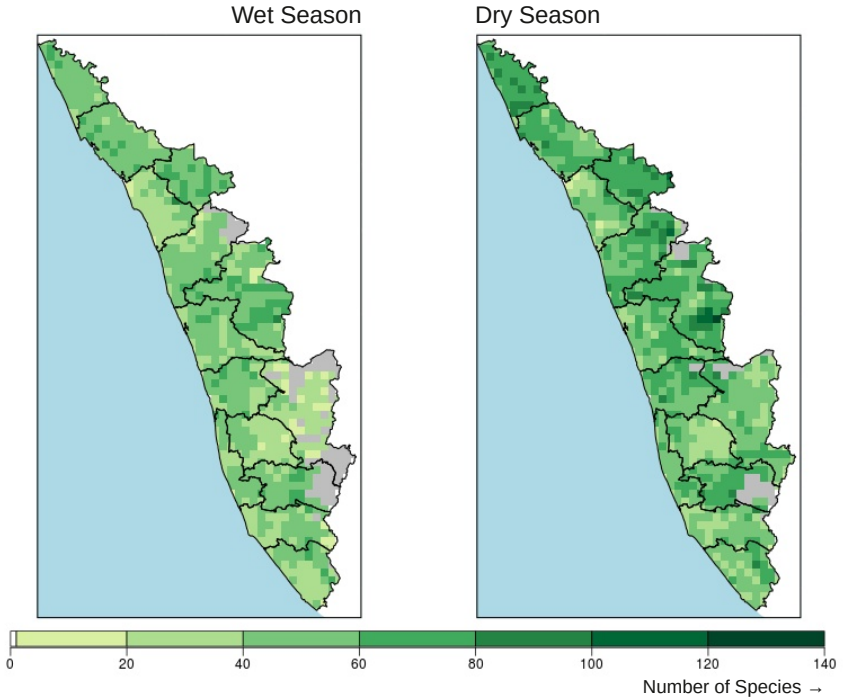


Figure 3: Number of species of birds seen in the different cells across Kerala

Species Maps and Seasonality

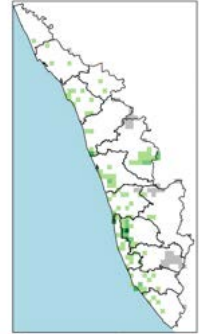
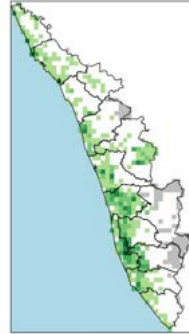
Lesser Whistling-Duck
Dendrocygna javanica

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

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

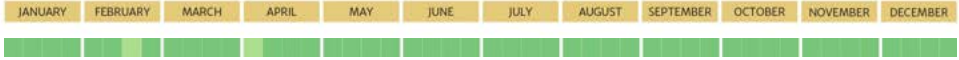


JISHNU R

Wet Season
1.5% of lists



Dry Season
0.5% of lists



Garganey
Spatula querquedula

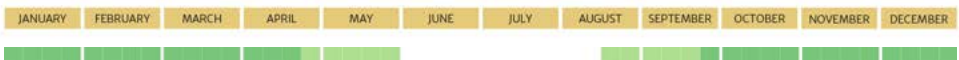


ABHINAND CHANDRAN

Wet Season
< 0.1% of lists



Dry Season
0.3% of lists



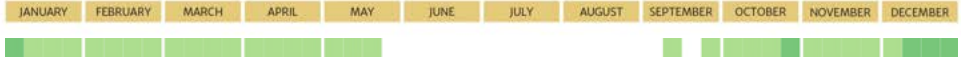
Northern Shoveler
Spatula clypeata



ASHOKRAJ VM

Wet Season
0% of lists

Dry Season
< 0.1% of lists



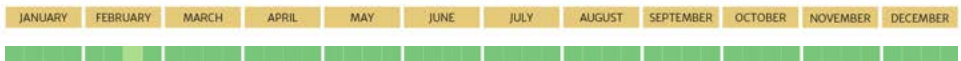
Indian Spot-billed Duck
Anas poecilorhyncha



JISHNU R

Wet Season
0.4% of lists

Dry Season
0.4% of lists



Northern Pintail

Anas acuta

NISHAD ESHAL



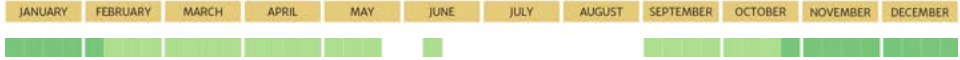
Wet Season

0% of lists



Dry Season

0.2% of lists



Green-winged Teal (Common Teal)

Anas crecca

ANITH ANILKUMAR



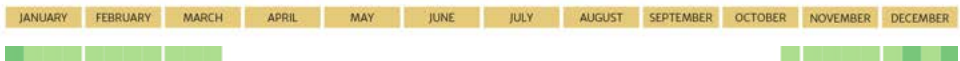
Wet Season

0% of lists



Dry Season

0.1% of lists



Indian Peafowl

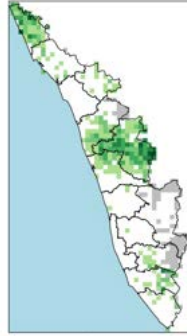
Pavo cristatus

JISHNU R



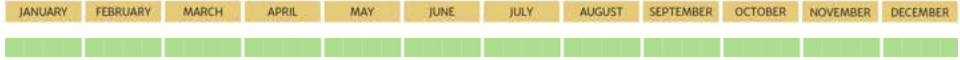
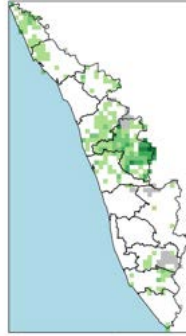
Wet Season

8.9% of lists



Dry Season

4.9% of lists



Red Spurfowl

Galloperdix spadicea

NAVANEETH NAIR



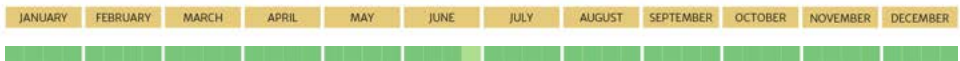
Wet Season

1.3% of lists



Dry Season

2% of lists



Painted Spurfowl

Galloperdix lunulata

SUJESH PUTHANVEETIL



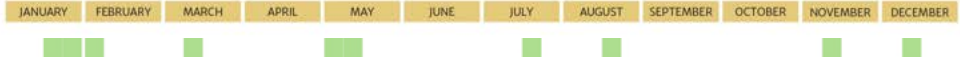
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Rain Quail

Coturnix coromandelica

VINOD KAMBALATHARA



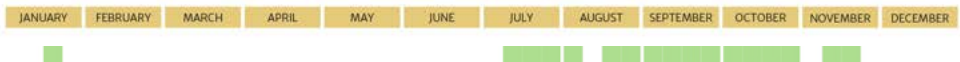
Wet Season

< 0.1% of lists



Dry Season

0% of lists



Jungle Bush-Quail

Perdica asiatica

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

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

JISHNU R



Wet Season

0.7% of lists



Dry Season

0.6% of lists



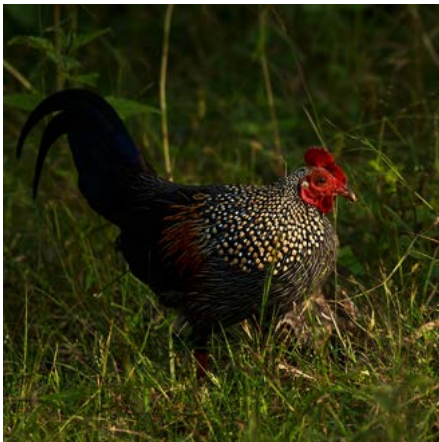
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Grey Junglefowl

Gallus sonneratii

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

SREEKUMAR K GOVINDANKUTTY



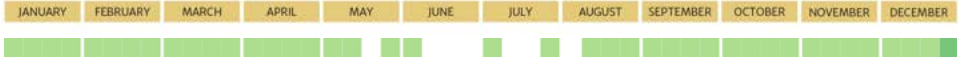
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Little Grebe

Tachybaptus ruficollis

JISHNU R



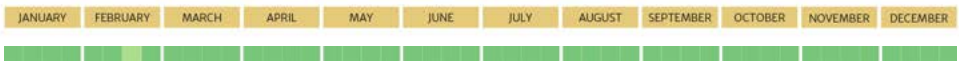
Wet Season

1.2% of lists



Dry Season

0.6% of lists



Rock Pigeon (Feral Pigeon)

Columba livia

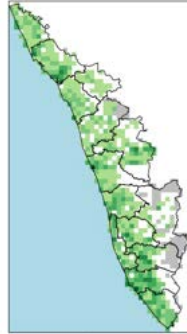


NESRU TIRUR



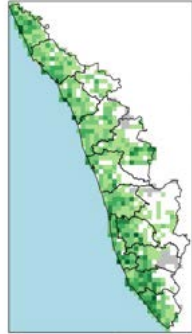
Wet Season

16.9% of lists



Dry Season

20.1% of lists



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



Nilgiri Wood-Pigeon

Columba elphinstonii



ASHISH MALATHUSSERIL SHAJI



Wet Season

< 0.1% of lists



Dry Season

0.3% of lists



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



Oriental Turtle-Dove

Streptopelia orientalis

JISHNU R



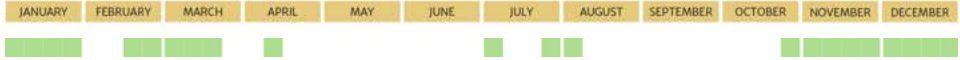
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Eurasian Collared-Dove

Streptopelia decaocto

VINOD KUMAR



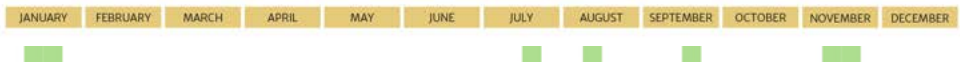
Wet Season

< 0.1% of lists



Dry Season

0% of lists



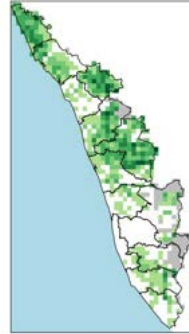
Spotted Dove
Streptopelia chinensis

LATHISH R NATH



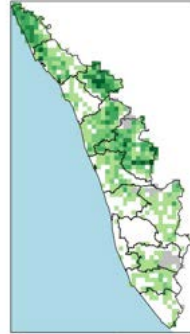
Wet Season

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

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

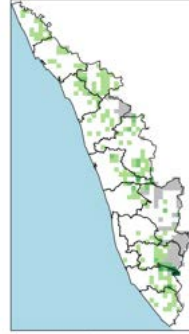


NISHAD ESHAL



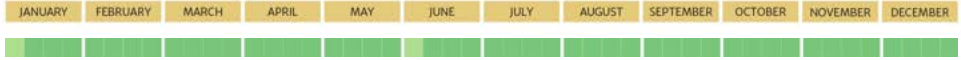
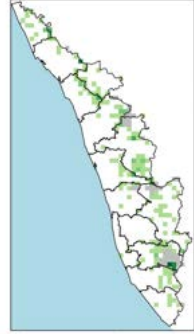
Wet Season

3% of lists



Dry Season

2.4% of lists



Orange-breasted Green-Pigeon

Treron bicinctus



NESRU TIRUR



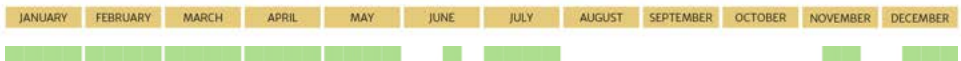
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



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

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

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

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

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

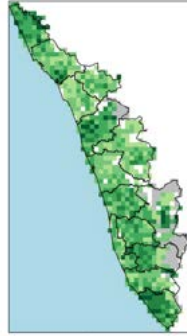
Centropus sinensis

VINOD KUMAR



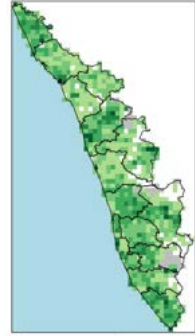
Wet Season

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

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

BJU P B



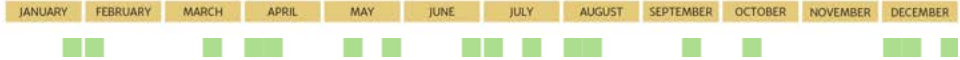
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Blue-faced Malkoha

Phaenicophaeus viridirostris

SREEJESH K NAIR



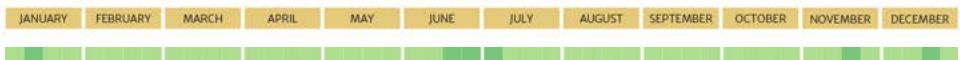
Wet Season

0.4% of lists



Dry Season

0.5% of lists



Pied Cuckoo (Jacobin Cuckoo)

Clamator jacobinus

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

JISHNU R



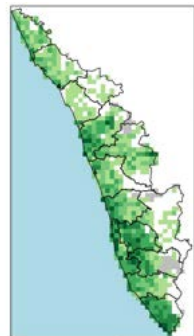
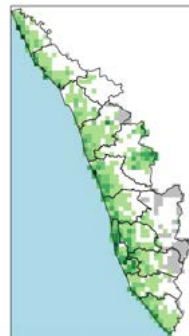
Wet Season

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

MOHAMMED SAYEER PK



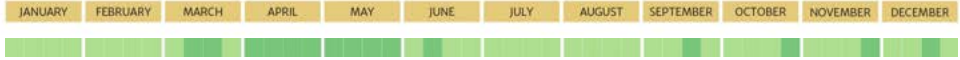
Wet Season

0.1% of lists



Dry Season

0.4% of lists



Grey-bellied Cuckoo

Cacomantis passerinus

ASHOKRAJ V M



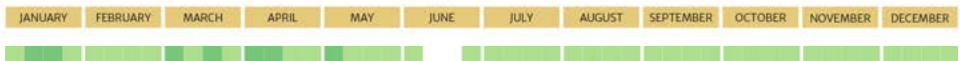
Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



Fork-tailed Drongo-Cuckoo

Surniculus dicruroides

ABHINAND CHANDRAN



Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



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



Large Hawk-Cuckoo

Hierococcyx sparveroides

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



Common Hawk-Cuckoo

Hierococcyx varius

MURALI MOHAN



Wet Season

7.5% of lists



Dry Season

5.8% of lists



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



Indian Cuckoo

Cuculus micropterus

ABHINAND CHANDRAN



Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



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



Sri Lanka Frogmouth
Batrachostomus moniliger

MAXIM RODRIGUES K



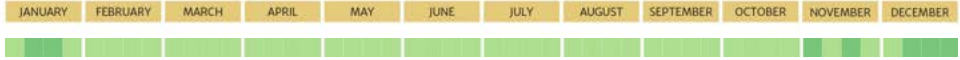
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Great Eared-Nightjar
Lyncornis macrotis

SANDEEP SASIDHARAN



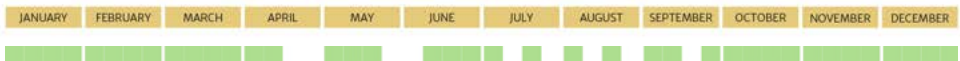
Wet Season

< 0.1% of lists



Dry Season

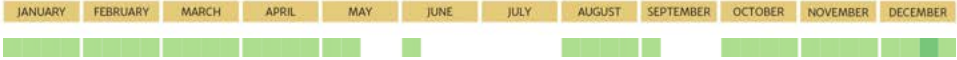
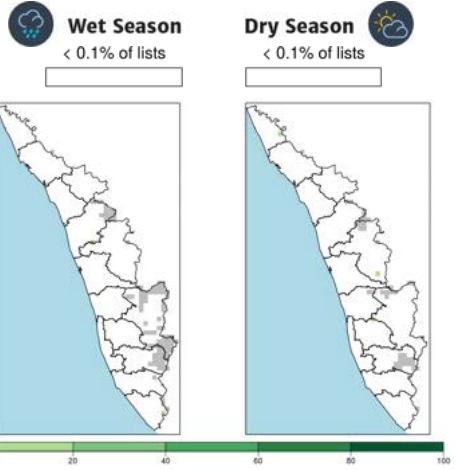
< 0.1% of lists



Jungle Nightjar (Indian Jungle Nightjar)

Caprimulgus indicus

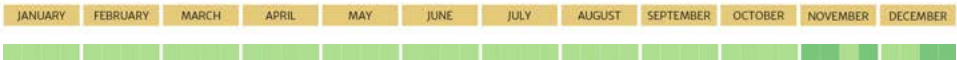
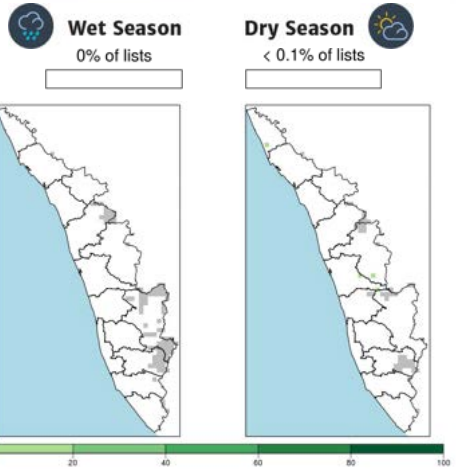
ABHINAND CHANDRAN



Jerdon's Nightjar

Caprimulgus atripennis

MOHAMMED SAYEER PK



Savanna Nightjar
Caprimulgus affinis

SREEKUMAR K GOVINDANKUTTY



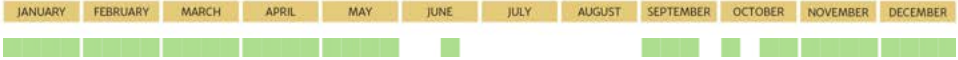
Wet Season

0% of lists



Dry Season

< 0.1% of lists



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

VIVEK PULIYER



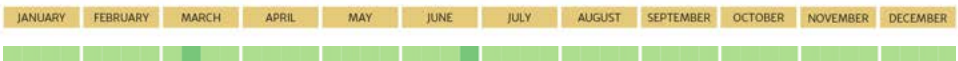
Wet Season

0.2% of lists



Dry Season

0.5% of lists



Brown-backed Needletail

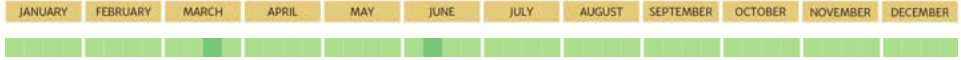
Hirundapus giganteus



MOHAMMED SAYEER PK

Wet Season
0.3% of lists

Dry Season
0.6% of lists



Indian Swiftlet

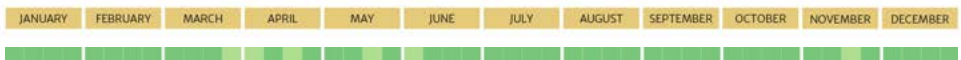
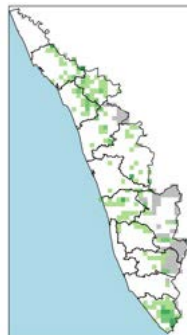
Aerodramus unicolor



ABHINAND CHANDRAN

Wet Season
3.2% of lists

Dry Season
2.3% of lists



Alpine Swift

Apus melba

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

MOHAMMED SAYEER PK



Wet Season

< 0.1% of lists

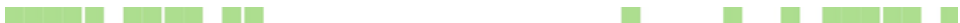


Dry Season

< 0.1% of lists



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



Little Swift (Indian House Swift)

Apus affinis

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

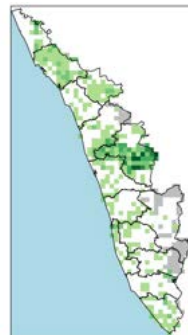
Cypsiurus balasiensis

ABHINAND CHANDRAN



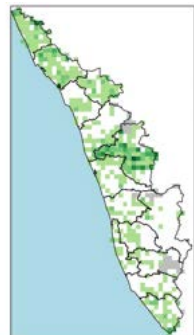
Wet Season

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

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

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

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

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 Swampphen (Purple Swampphen)

Porphyrio poliocephalus



JISHNU R



Wet Season

2.3% of lists



Dry Season

1.5% of lists



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

Watercock

Gallicrex cinerea



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

White-breasted Waterhen

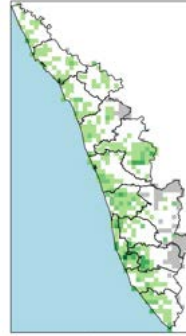
Amaurornis phoenicurus

AFSAR NAYAKKAN



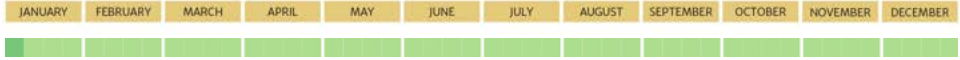
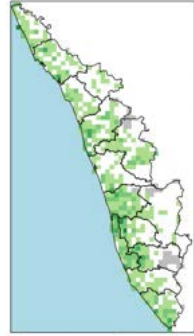
Wet Season

7.2% of lists



Dry Season

8.5% of lists



Slaty-legged Crake

Rallina eurizonoides

SANDEEP SASIDHARAN



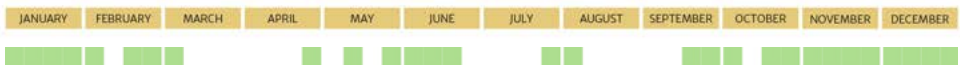
Wet Season

< 0.1% of lists



Dry Season

0% of lists



Ruddy-breasted Crake

Zapornia fusca

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



Indian Thick-knee (Indian Stone-curlew)

Burhinus indicus

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

NISHAD ESHAL



Wet Season

< 0.1% of lists



Dry Season

0% of lists



0 20 40 60 80 100

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



Black-winged Stilt

Himantopus himantopus

MUKUNDAN KIZHAKEMADHAM



Wet Season

0.2% of lists



Dry Season

0.4% of lists



0 20 40 60 80 100

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



Eurasian Oystercatcher

Haematopus ostralegus

ABHINAND CHANDRAN



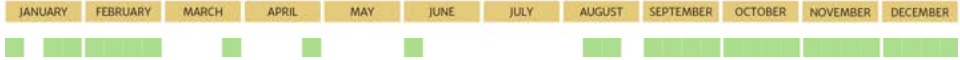
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Black-bellied Plover (Grey Plover)

Pluvialis squatarola

VJESH VALLIKUNNU



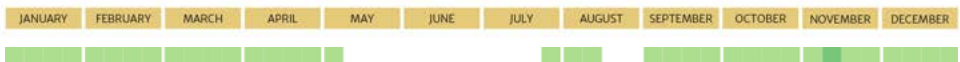
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Pacific Golden-Plover

Pluvialis fulva

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

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

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

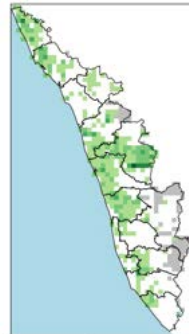
Vanellus indicus

SHABEER V BASHEER



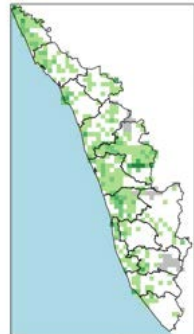
Wet Season

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

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



Greater Sand-Plover

Charadrius leschenaultii

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



Kentish Plover

Charadrius alexandrinus

MOHAMMED HIRASH



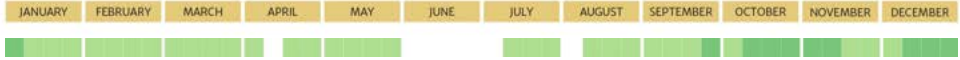
Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



Common Ringed Plover

Charadrius hiaticula

NISHAD ESHAL



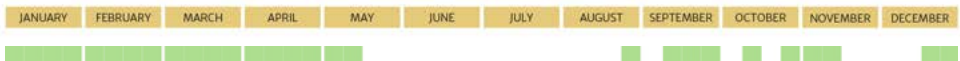
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Little Ringed Plover

Charadrius dubius

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

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

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

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

FASLU RAHMAN



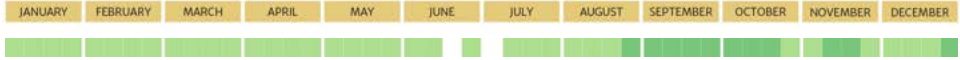
Wet Season

0.2% of lists



Dry Season

< 0.1% of lists



Eurasian Curlew

Numenius arquata

ABHINAND CHANDRAN



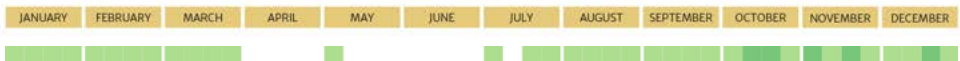
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Bar-tailed Godwit

Limosa lapponica

ABHINAV CHANDRAN



Wet Season

< 0.1% of lists

0



0 20 40



Dry Season

< 0.1% of lists

0



60 80 100

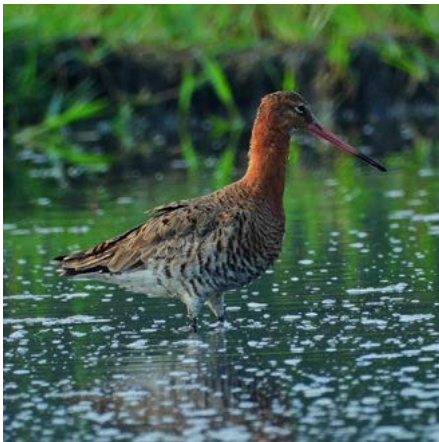
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Black-tailed Godwit

Limosa limosa

KRISHNAKUMAR K IYER



Wet Season

< 0.1% of lists

0



0 20 40



Dry Season

< 0.1% of lists

0



60 80 100

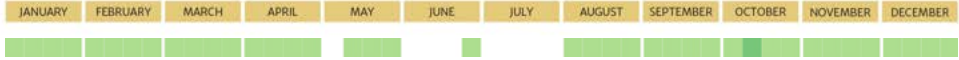
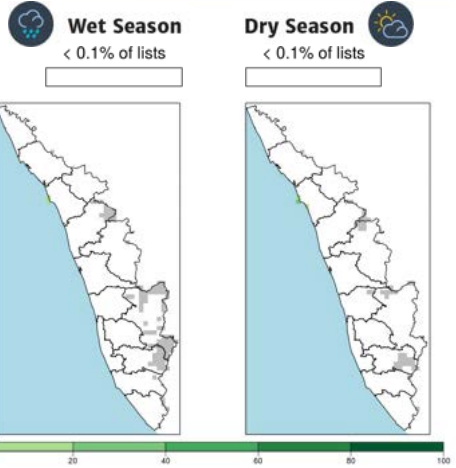
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER



Ruddy Turnstone
Arenaria interpres



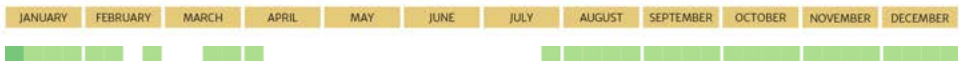
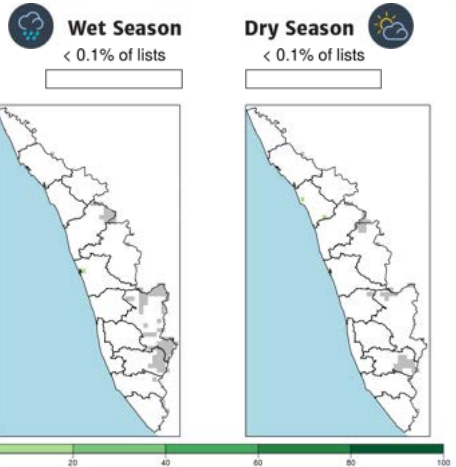
NESRU TIRUR



Ruff
Calidris pugnax



NISHAD ESHAL



Curlew Sandpiper

Calidris ferruginea

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

NEERU 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

MOHAMMED SAYEER PK



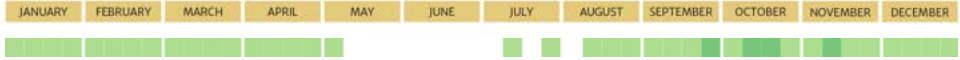
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Little Stint

Calidris minuta

ABHINAND CHANDRAN



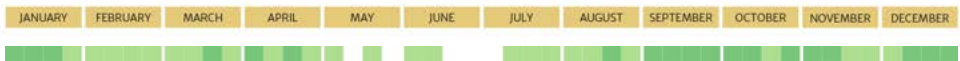
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Common Snipe
Gallinago gallinago

MUKUNDAN KIZHAKKEMADHAM



Wet Season
< 0.1% of lists

Dry Season
0.4% of lists



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



Pin-tailed Snipe
Gallinago stenura

KRISHNAKUMAR K IYER



Wet Season
< 0.1% of lists

Dry Season
0.3% of lists



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



Terek Sandpiper

Xenus cinereus

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

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



KRISHNAKUMAR K IYER



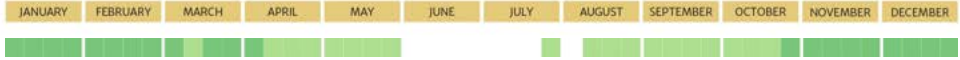
Wet Season

< 0.1% of lists



Dry Season

0.6% of lists



Common Greenshank

Tringa nebularia



ABHINAND CHANDRAN



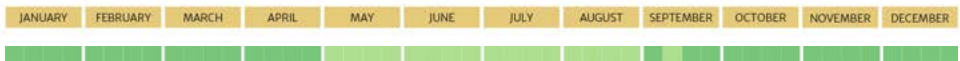
Wet Season

< 0.1% of lists



Dry Season

0.7% of lists



Marsh Sandpiper

Tringa stagnatilis

AFSAR NAYARKKAN



Wet Season

< 0.1% of lists



Dry Season

0.3% of lists



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



Wood Sandpiper

Tringa glareola

SREEKUMAR K. GOVINDANKUTTY



Wet Season

0.2% of lists



Dry Season

2% of lists



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



Common Redshank

Tringa totanus

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

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

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

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

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

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

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

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

KRISHNAKUMAR K IYER



Wet Season

0% of lists

0



Dry Season

< 0.1% of lists

0



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



Gull-billed Tern

Gelochelidon nilotica

MAXIM RODRIGUES K



Wet Season

< 0.1% of lists

0



Dry Season

0.2% of lists

0



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



Caspian Tern

Hydroprogne caspia

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

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

JISHNU R



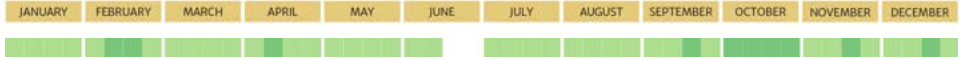
Wet Season

0% of lists



Dry Season

< 0.1% of lists



River Tern

Sterna aurantia

ABHINAND CHANDRAN



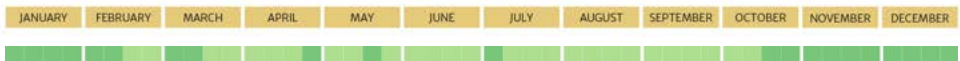
Wet Season

< 0.1% of lists



Dry Season

0.6% of lists



Great Crested Tern

Thalasseus bergii

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

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

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

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

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

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

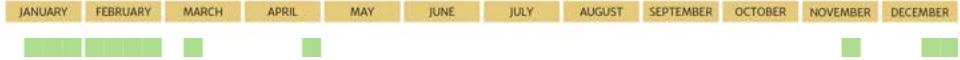
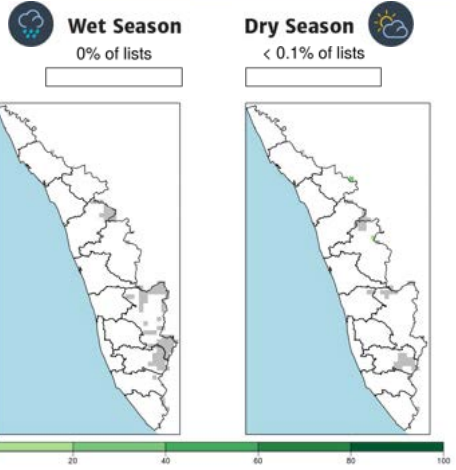


Black Stork

Ciconia nigra



KRISHNAKUMAR K IYER

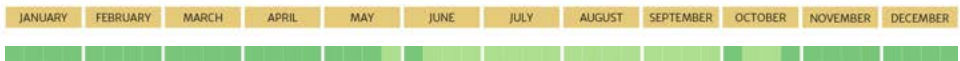
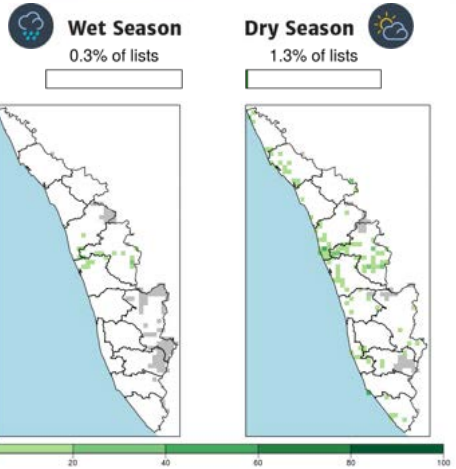


Woolly-necked Stork

Ciconia episcopus



JISHNU R



Lesser Adjutant

Leptoptilos javanicus

PRASHANTHA KRISHNA MC



Wet Season

0% of lists



Dry Season

< 0.1% of lists



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



Painted Stork

Mycteria leucocephala

NESRU TIRUR



Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



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



Oriental Darter

Anhinga melanogaster

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

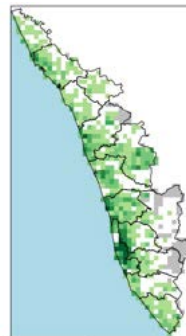
Microcarbo niger

NISHAD ESHAL



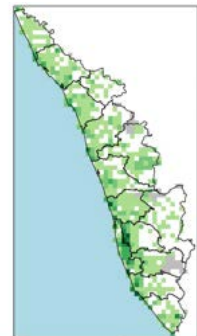
Wet Season

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

RAHUL NAIR



Wet Season

0.3% of lists



Dry Season

0.2% of lists



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



Indian Cormorant (Indian Shag)

Phalacrocorax fuscicollis

ROSHINATH RAMESH



Wet Season

1.9% of lists



Dry Season

1.4% of lists



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



Spot-billed Pelican

Pelecanus philippensis

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



Yellow Bittern

Ixobrychus sinensis

JISHNU NARAYANAN



Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



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



Cinnamon Bittern

Ixobrychus cinnamomeus

MOHAMMED SAYEER PK



Wet Season

0.4% of lists



Dry Season

0.1% of lists



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



Black Bittern

Ixobrychus flavicollis

NAVANEETH 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



Grey Heron

Ardea cinerea

RAHUL NAIR



Wet Season

0.8% of lists



Dry Season

0.8% of lists



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



Purple Heron

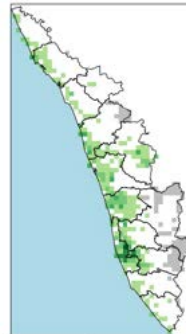
Ardea purpurea

ABHINAND CHANDRAN



Wet Season

5.9% of lists



Dry Season

3.9% of lists



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



Great Egret

Ardea alba

ABHINAND CHANDRAN



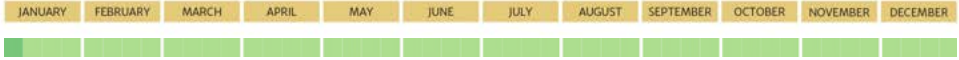
Wet Season

2.1% of lists



Dry Season

2.8% of lists



Intermediate Egret

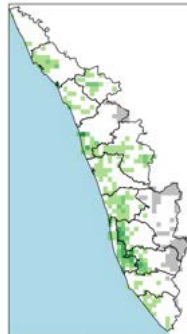
Ardea intermedia

SUBIN K S



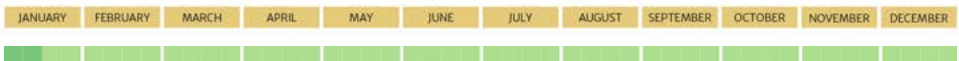
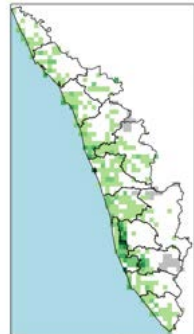
Wet Season

4.6% of lists



Dry Season

6.8% of lists



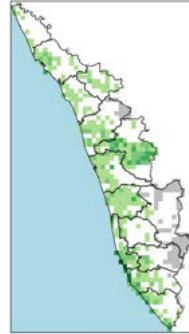
Little Egret
Egretta garzetta

ABHINAND CHANDRAN



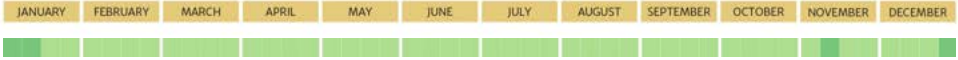
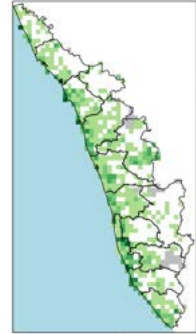
Wet Season

7.8% of lists



Dry Season

9.7% of lists



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

SATHYAN MEPPAYUR



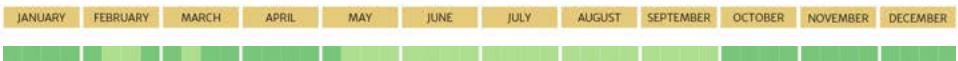
Wet Season

< 0.1% of lists



Dry Season

0.5% of lists



Cattle Egret

Bubulcus ibis

SUBIN K S



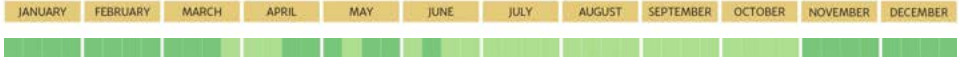
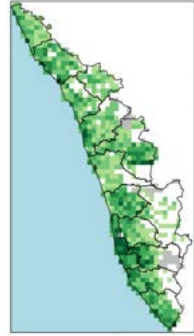
Wet Season

6.3% of lists



Dry Season

27.9% of lists



Indian Pond-Heron

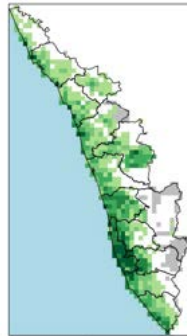
Ardeola grayii

ROSHINATH RAMESH



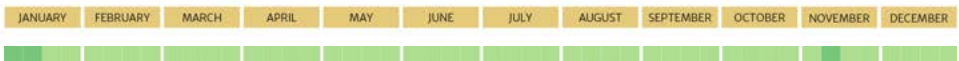
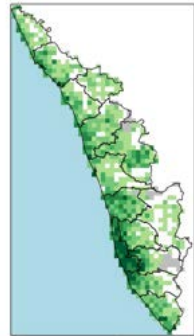
Wet Season

24.2% of lists



Dry Season

24.4% of lists



Striated Heron (Little Heron)

Butorides striata

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

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



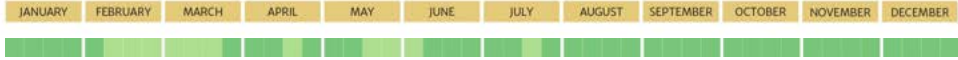
Glossy Ibis
Plegadis falcinellus



MOHAMMED SAYEER PK

Wet Season
0.2% of lists

Dry Season
0.2% of lists



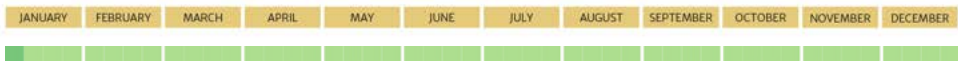
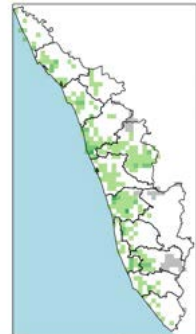
Black-headed Ibis
Threskiornis melanocephalus



ABHINAND CHANDRAN

Wet Season
3.7% of lists

Dry Season
3.7% of lists



Eurasian Spoonbill

Platalea leucorodia

KRISHNAKUMAR K IYER



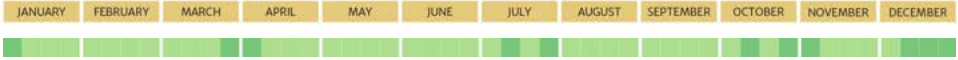
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Osprey

Pandion haliaetus

ABHINAV CHANDRAN



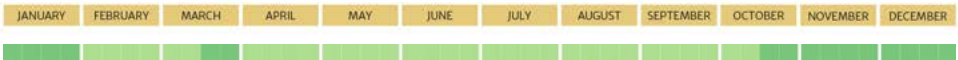
Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



Black-winged Kite (Black-shouldered Kite)

Elanus caeruleus

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

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

NAVEENLAL PAYERI



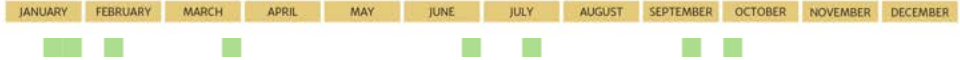
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Black Baza

Aviceda leuphotes

KRISHNAKUMAR K IYER



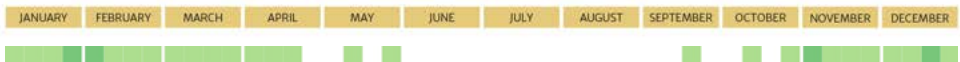
Wet Season

0% of lists



Dry Season

0.1% of lists



Red-headed Vulture

Sarcogyps calvus

ABHINAND CHANDRAN



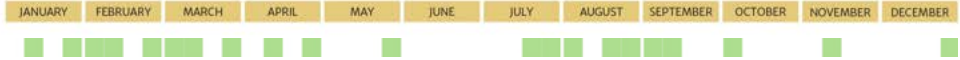
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



White-rumped Vulture

Gyps bengalensis

ABHINAND CHANDRAN



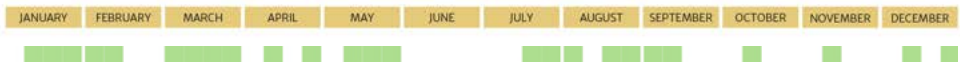
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



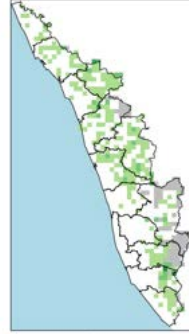
Crested Serpent-Eagle
Spilornis cheela

VINEETHA ANEESH



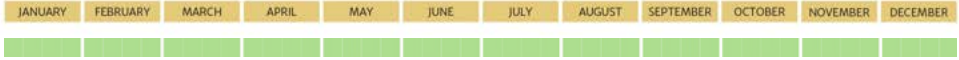
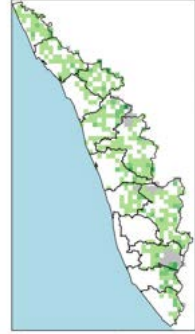
Wet Season

4% of lists



Dry Season

5.9% of lists



Short-toed Snake-Eagle
Circaetus gallicus

MOHAMMED SAYEER PK



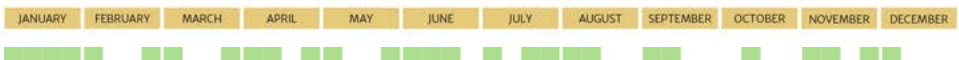
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Changeable Hawk-Eagle

Nisaetus cirrhatus

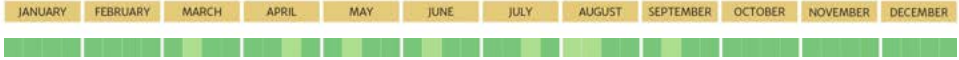


NISHAD ESHAL

Wet Season
0.8% of lists



Dry Season
0.8% of lists



Legge's Hawk-Eagle

Nisaetus kelaarti

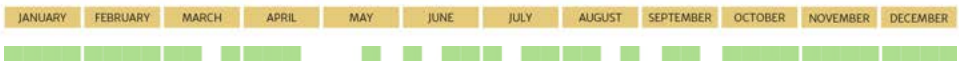


ANEEESH M C

Wet Season
< 0.1% of lists



Dry Season
< 0.1% of lists



Rufous-bellied Eagle
Lophotriorchis kienerii

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



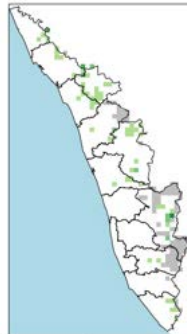
Black Eagle
Ictinaetus malaiensis

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

KRISHNAKUMAR K IYER



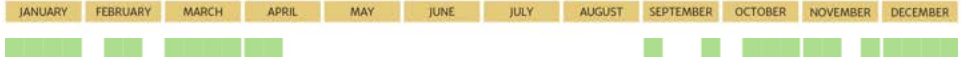
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Greater Spotted Eagle

Clanga clanga

JISHNU R



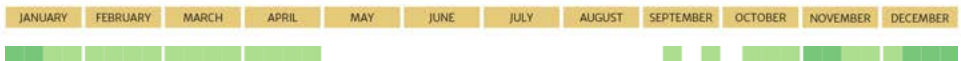
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Booted Eagle *Hieraaetus pennatus*

ABHINAND CHANDRAN



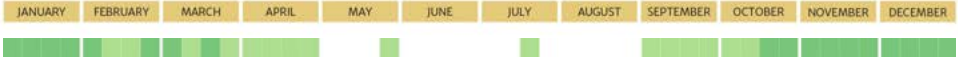
Wet Season

< 0.1% of lists



Dry Season

1% of lists



Steppe Eagle *Aquila nipalensis*

MANOJ KARINGAMADATHIL



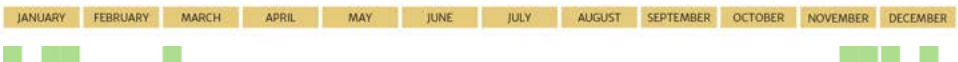
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Bonelli's Eagle

Aquila fasciata

MOHAMMED SAYEER PK



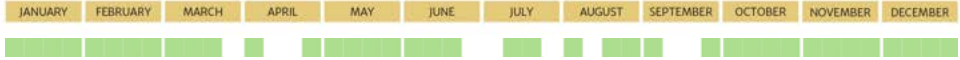
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



White-eyed Buzzard

Butastur teesa

PRASHANTHA KRISHNA MC



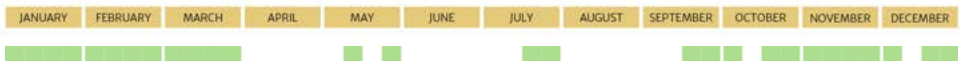
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Eurasian Marsh-Harrier

Circus aeruginosus

SREEKUMAR K GOVINDANKUTTY



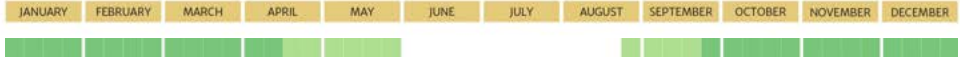
Wet Season

0% of lists



Dry Season

0.8% of lists



Pallid Harrier

Circus macrourus

KRISHNAKUMAR K IYER



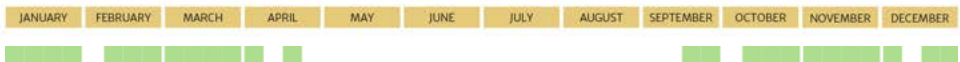
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Montagu's Harrier
Circus pygargus

ABHINAND CHANDRAN



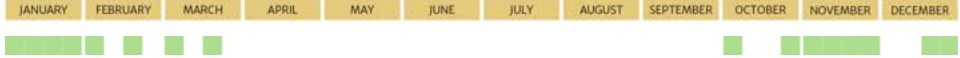
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Crested Goshawk
Accipiter trivirgatus

SREEKUMAR K GOVINDANKUTTY



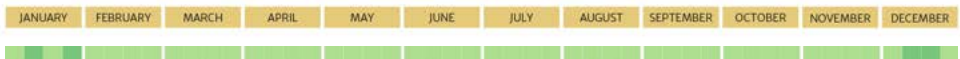
Wet Season

0.4% of lists



Dry Season

0.8% of lists



Shikra

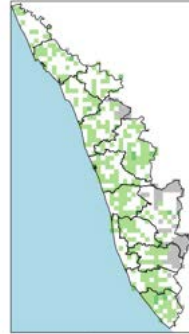
Accipiter badius

NESRU TIRUR



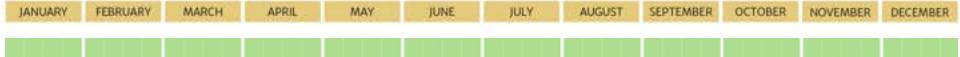
Wet Season

4.8% of lists



Dry Season

7.8% of lists



Besra

Accipiter virgatus

DIVIN MURLIKESH



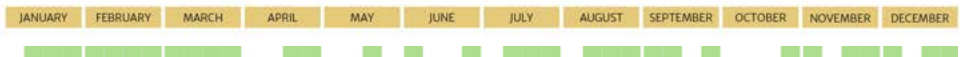
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Black Kite

Milvus migrans

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

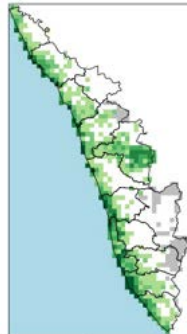
Haliastur indus

JISHNU R



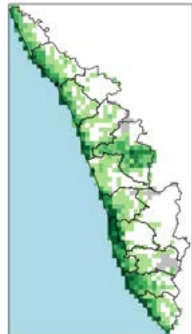
Wet Season

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

BIJUMON KE



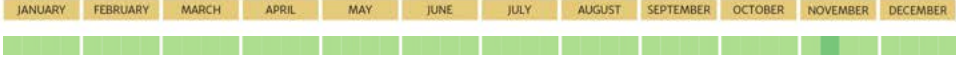
Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



Lesser Fish-Eagle

Haliaeetus humilis

SREEKUMAR K GOVINDANKUTTY



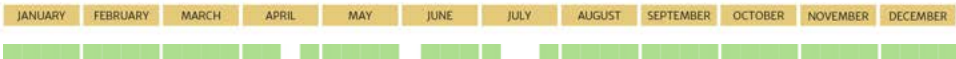
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Common Buzzard

Buteo buteo

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

SUJEESH 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

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

VLEESH 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

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



Spot-bellied Eagle-Owl

Bubo nipalensis

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

ABHINAND CHANDRAN



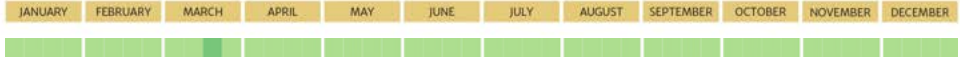
Wet Season

0.2% of lists



Dry Season

0.2% of lists



Jungle Owlet

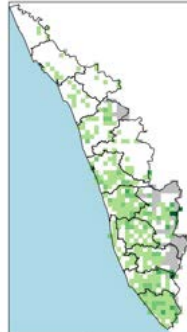
Glaucidium radiatum

SANTHOSH KALLINGAL



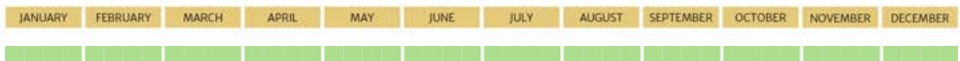
Wet Season

6% of lists



Dry Season

6.3% of lists



Spotted Owllet

Athene brama

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



Mottled Wood-Owl

Strix ocellata

RAYEES RAHMAN



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



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



Brown Wood-Owl

Strix leptogrammica

SANDEEP SASIDHARAN



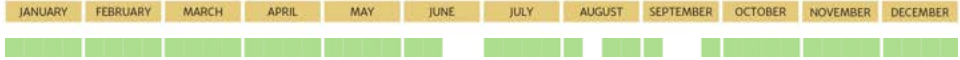
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Brown Hawk-Owl

Ninox scutulata

JISHNU R



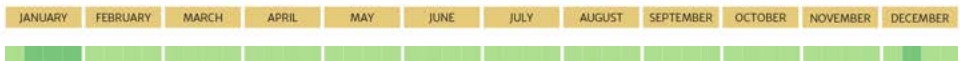
Wet Season

0.1% of lists



Dry Season

< 0.1% of lists



Malabar Trogon
Harpactes fasciatus

MOHAMMED SAYEER PK



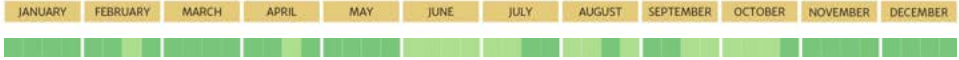
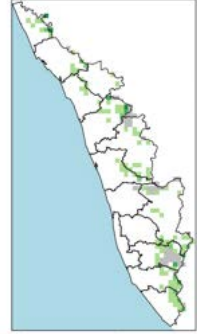
Wet Season

1.3% of lists



Dry Season

1.7% of lists



Eurasian Hoopoe
Upupa epops

MOHAMMED SAYEER PK



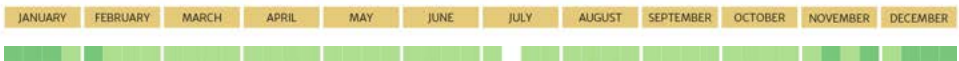
Wet Season

0.2% of lists



Dry Season

0.6% of lists



Indian Grey Hornbill

Ocyrceros birostris

JISHNU R



Wet Season

0.9% of lists



Dry Season

0.8% of lists



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



Malabar Grey Hornbill

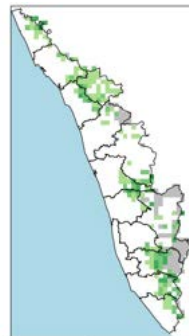
Ocyrceros griseus

ANEEESH SASIDEVAN



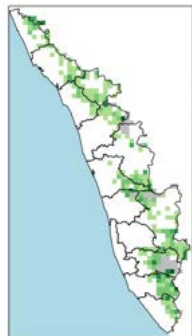
Wet Season

4.8% of lists



Dry Season

6.2% of lists



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



Malabar Pied-Hornbill

Anthracoceros coronatus

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

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)

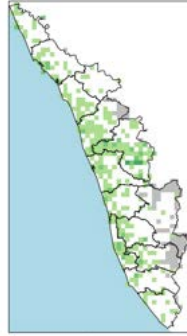
Alcedo atthis

JISHNU R



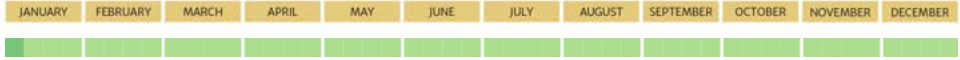
Wet Season

4.6% of lists



Dry Season

3.3% of lists



Blue-eared Kingfisher

Alcedo meninting

SHALU AMANA



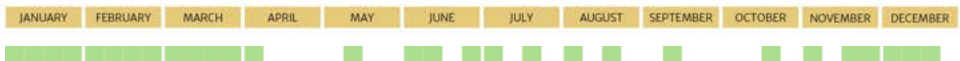
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Black-backed Dwarf-Kingfisher (Oriental Dwarf Kingfisher)

Ceyx erithaca

PAULSON JOY



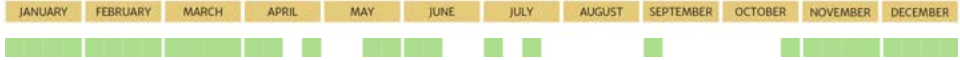
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Stork-billed Kingfisher

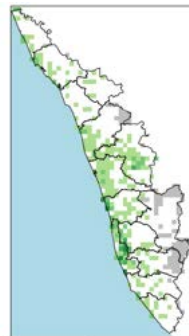
Pelargopsis capensis

JISHNU R



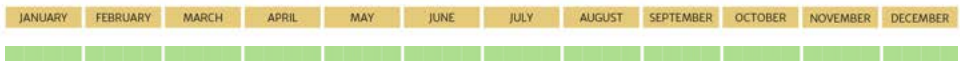
Wet Season

4.6% of lists



Dry Season

2.5% of lists



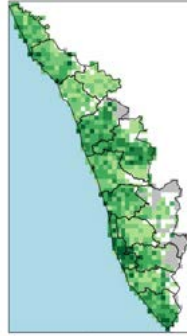
White-throated Kingfisher *Halcyon smyensis*

ABHINAND CHANDRAN



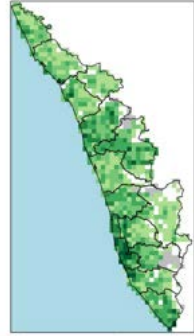
Wet Season

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*

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

JISHNU R



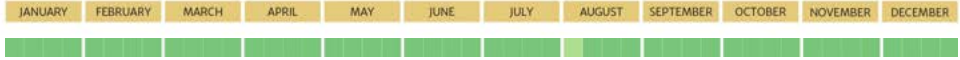
Wet Season

0.9% of lists



Dry Season

0.7% of lists



Blue-bearded Bee-eater

Nyctornis athertoni

SATHYAN MEPPAYUR



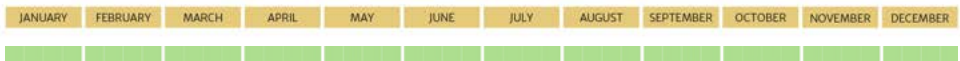
Wet Season

0.2% of lists



Dry Season

0.3% of lists



Green Bee-eater

Merops orientalis

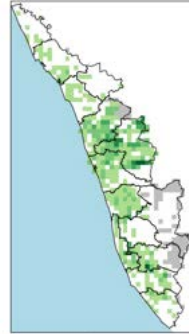


MOHAMMED RAMEES K



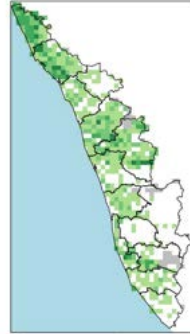
Wet Season

9.2% of lists



Dry Season

12.3% of lists



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

Blue-cheeked Bee-eater

Merops persicus



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

Blue-tailed Bee-eater

Merops philippinus

SATHYAN MEPPAYUR



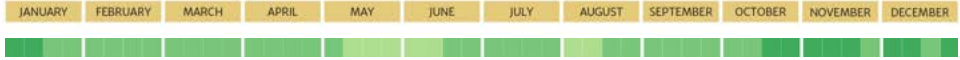
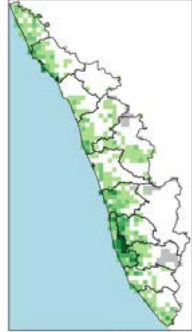
Wet Season

0.3% of lists



Dry Season

8.8% of lists



Chestnut-headed Bee-eater

Merops leschenaulti

MRIDULA MURALI



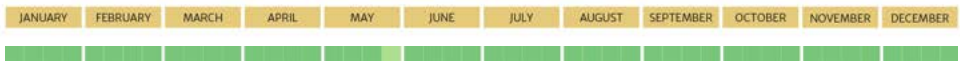
Wet Season

2% of lists



Dry Season

4.3% of lists



Indian Roller

Coracias benghalensis

JISHNU R



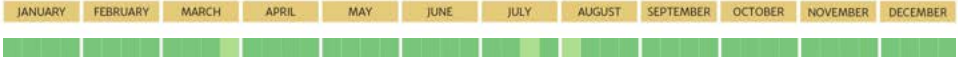
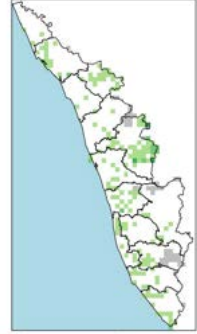
Wet Season

0.8% of lists



Dry Season

2.1% of lists



Oriental Dollarbird

Eurystomus orientalis

SREEJESH K NAIR



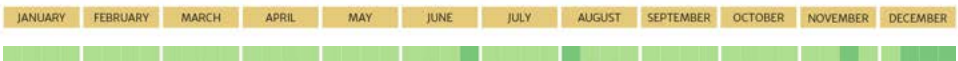
Wet Season

0.4% of lists



Dry Season

0.2% of lists



Malabar Barbet (Crimson-throated Barbet)

Psilopogon malabaricus

SREEJITH R PILLAI



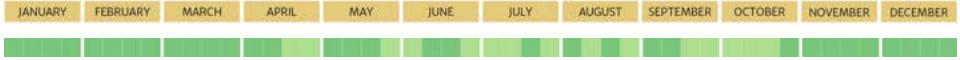
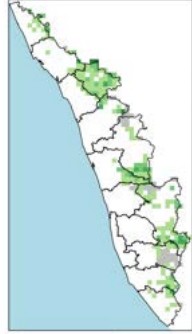
Wet Season

1.6% of lists



Dry Season

4% of lists



Coppersmith Barbet

Psilopogon haemacephalus

JISHNU R



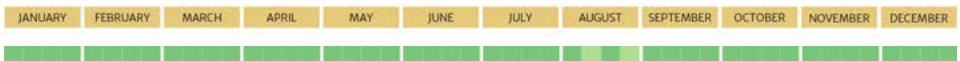
Wet Season

1.1% of lists



Dry Season

3.8% of lists



Brown-headed Barbet (Large Green Barbet)

Psilopogon zeylanicus

VJESH VALLIKUNNU



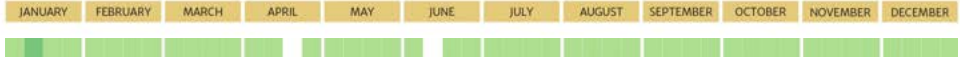
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



White-cheeked Barbet (Small Green Barbet)

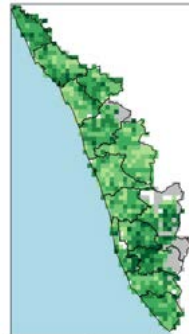
Psilopogon viridis

VIVEK CHANDRAN



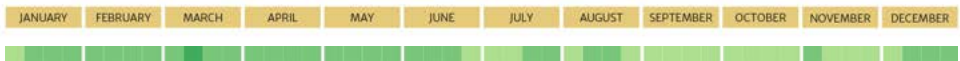
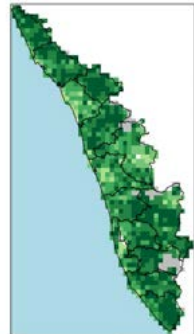
Wet Season

45.3% of lists



Dry Season

66.8% of lists



Eurasian Wryneck

Jynx torquilla

ABHINAV 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

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

PAULSON JOY



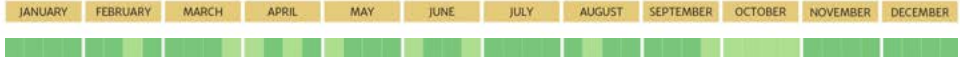
Wet Season

1.3% of lists



Dry Season

1.4% of lists



Brown-capped Pygmy Woodpecker

Yungipicus nanus

ABHINAND CHANDRAN



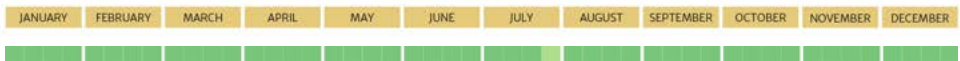
Wet Season

1.2% of lists



Dry Season

1.6% of lists



Yellow-crowned Woodpecker

Leiopicus mahrattensis

SATHYAN MEPPAYUR



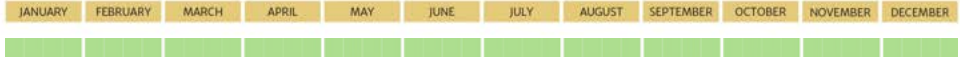
Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



Greater Flameback

Chrysocolaptes guttacristatus

VINEETHA ANEESH



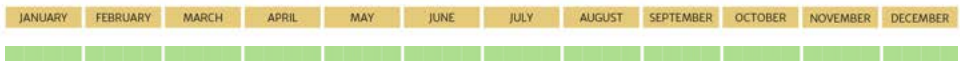
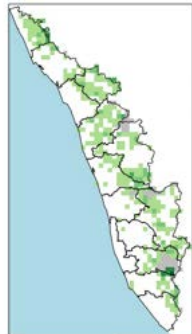
Wet Season

3.6% of lists



Dry Season

5% of lists



Rufous Woodpecker

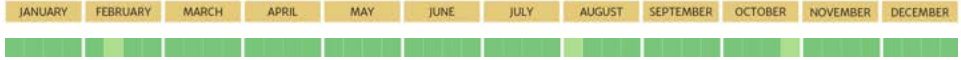
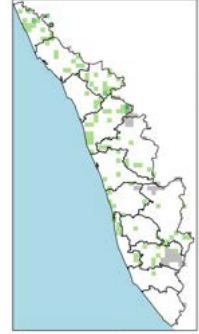
Micropternus brachyurus



KRISHNAKUMAR K IYER

Wet Season
1.1% of lists

Dry Season
1.3% of lists



Common Flameback (Goldenbacked Three-toed Woodpecker)

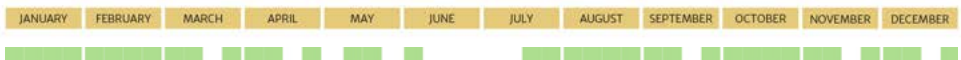
Dinopium javanense



NAVANEETH NAIR

Wet Season
< 0.1% of lists

Dry Season
0.2% of lists

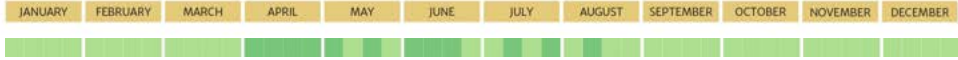
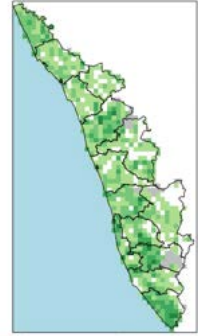
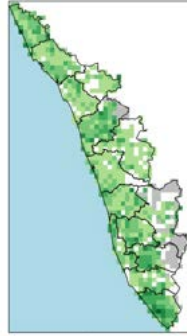
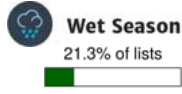


Black-rumped Flameback (Lesser Goldenbacked Woodpecker)

Dinopium benghalense



MOHAMMED RAMEES K

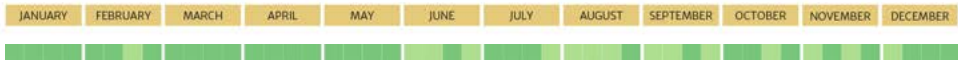


Lesser Yellownape

Picus chlorolophus



REJI CHANDRAN



Streak-throated Woodpecker

Picus xanthopygaeus

ABHINAND CHANDRAN



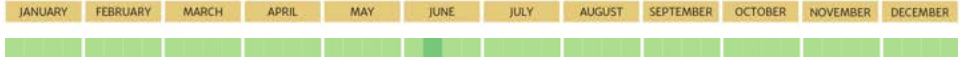
Wet Season

0.4% of lists



Dry Season

0.4% of lists



White-bellied Woodpecker (Great Black Woodpecker)

Dryocopus javensis

SUJESH PUTHANVEETIL



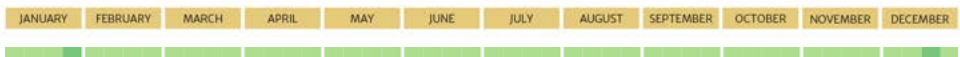
Wet Season

0.2% of lists



Dry Season

0.4% of lists



Lesser Kestrel

Falco naumanni

JISHNU R



Wet Season

0% of lists



Dry Season

< 0.1% of lists



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



Eurasian Kestrel (Common Kestrel)

Falco tinnunculus

P. M. MUJEEB



Wet Season

< 0.1% of lists



Dry Season

0.3% of lists



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



Peregrine Falcon

Falco peregrinus

KRISHNAKUMAR K IYER



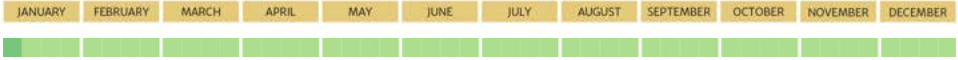
Wet Season

< 0.1% of lists



Dry Season

0.1% of lists



Rose-ringed Parakeet

Psittacula krameri

JISHNU R



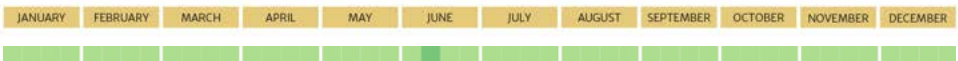
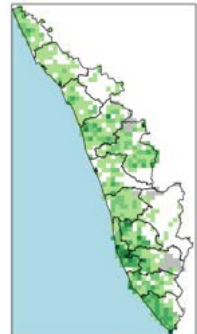
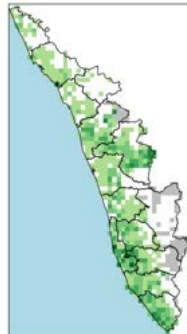
Wet Season

14.3% of lists



Dry Season

14% of lists



Plum-headed Parakeet

Psittacula cyanocephala

NISHAD ESHAL



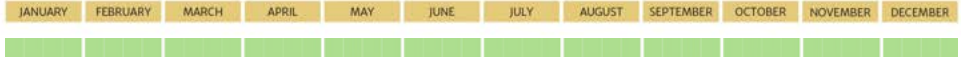
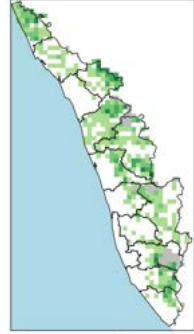
Wet Season

5.9% of lists



Dry Season

8.7% of lists



Malabar Parakeet (Blue-winged Parakeet)

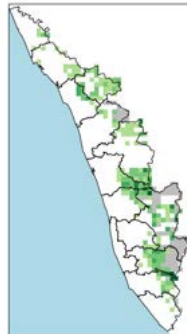
Psittacula columboides

NESRU TIRUR



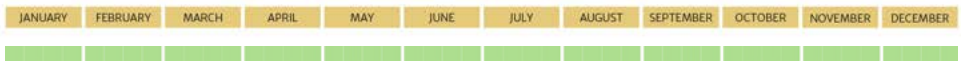
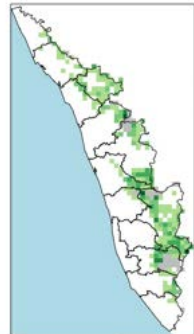
Wet Season

5.6% of lists



Dry Season

6.2% of lists



Vernal Hanging-Parrot (Indian Lorikeet)

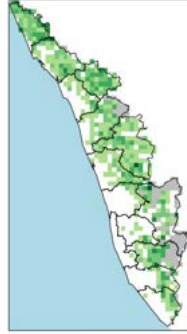
Loriculus vernalis

JISHNU R



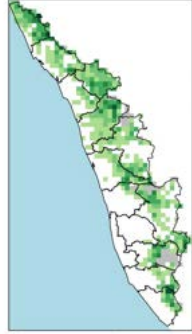
Wet Season

13.5% of lists



Dry Season

13.9% of lists



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



Indian Pitta

Pitta brachyura

SATHYAN MEPPAYUR



Wet Season

< 0.1% of lists



Dry Season

0.8% of lists



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



Small Minivet

Pericrocotus cinnamomeus

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

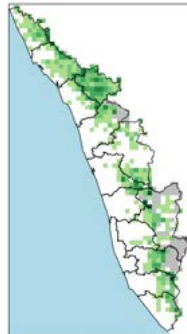
Pericrocotus flammeus

JISHNU R



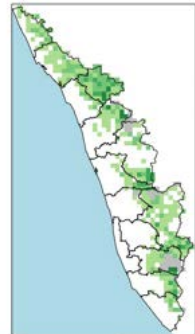
Wet Season

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

ABHINAND CHANDRAN



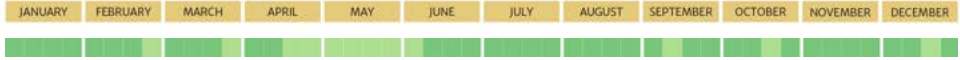
Wet Season

1.2% of lists



Dry Season

1.6% of lists



Black-headed Cuckooshrike

Lalage melanoptera

NOVEL KUMAR



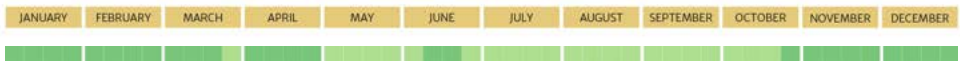
Wet Season

0.2% of lists



Dry Season

1.3% of lists



Indian Golden Oriole

Oriolus kundoo



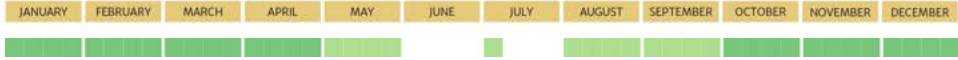
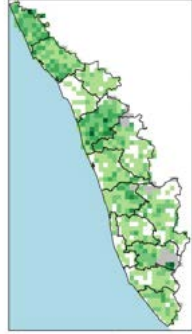
Wet Season

0.4% of lists



Dry Season

18.3% of lists



JISHNU R

Black-naped Oriole

Oriolus chinensis



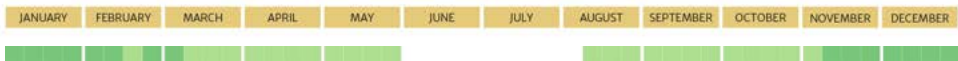
Wet Season

< 0.1% of lists



Dry Season

1.2% of lists



NAVEENAL PAYERI

Black-hooded Oriole

Oriolus xanthornus

VINEETHA ANEESH



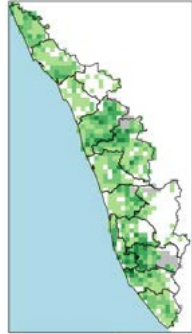
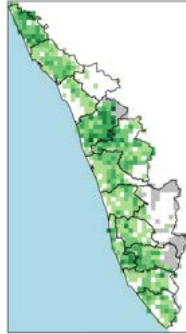
Wet Season

20.7% of lists



Dry Season

18.7% of lists



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



Ashy Woodswallow

Artamus fuscus

JISHNU R



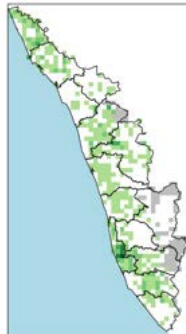
Wet Season

6.4% of lists



Dry Season

5.6% of lists



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



Malabar Woodshrike

Tephrodornis sylvicola



SHALU AMANA



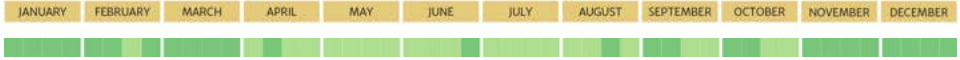
Wet Season

1.1% of lists



Dry Season

2.3% of lists



Common Woodshrike

Tephrodornis pondicerianus



SUJEESE PUTHENVEETIL



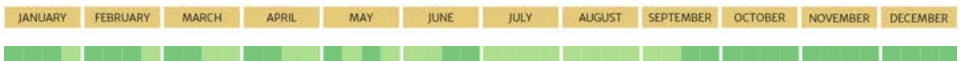
Wet Season

0.5% of lists



Dry Season

0.8% of lists



Bar-winged Flycatcher-shrike
Hemipus picatus



JISHNU R



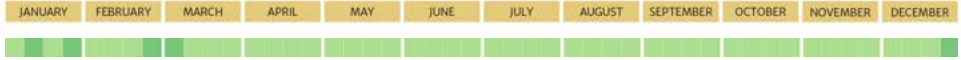
Wet Season

0.4% of lists



Dry Season

0.8% of lists



Common Iora
Aegithina tiphia

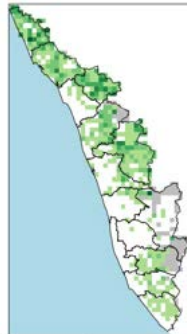


ABHINAND CHANDRAN



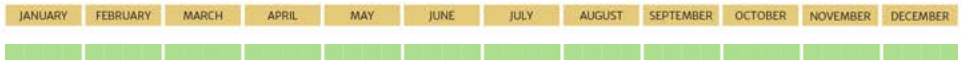
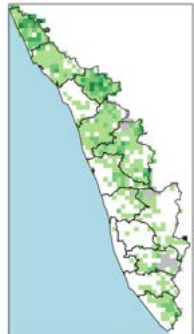
Wet Season

11.5% of lists



Dry Season

9.7% of lists



White-browed Fantail

Rhipidura aureola

SREEKUMAR K GOVINDANKUTTY



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 Drongo

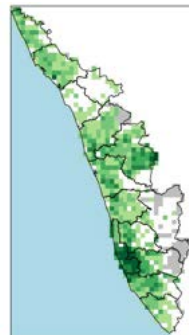
Dicurus macrocercus

JISHNU R



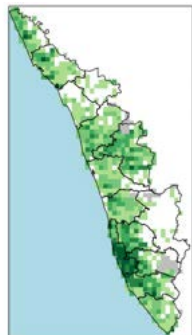
Wet Season

22.8% of lists



Dry Season

22.4% of lists



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



Ashy Drongo

Dicurus leucophaeus

ABHINAND CHANDRAN



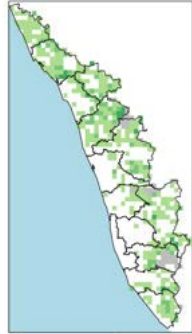
Wet Season

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

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

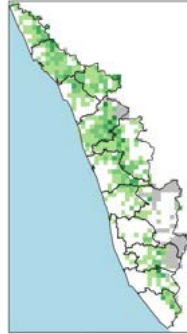
Dicurus aeneus

ABHINAND CHANDRAN



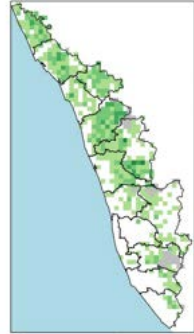
Wet Season

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

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

LATHA PRABHAKARAN



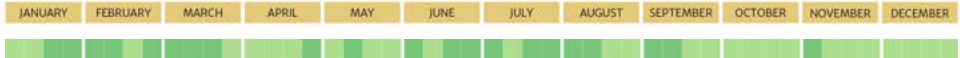
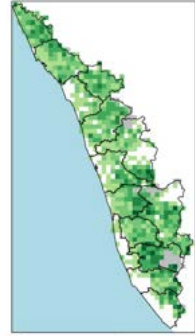
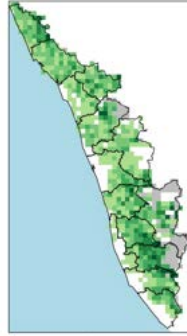
Wet Season

25.6% of lists



Dry Season

27% of lists



Black-naped Monarch

Hypothymis azurea

JISHNU R



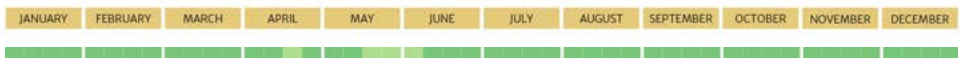
Wet Season

2% of lists



Dry Season

2.8% of lists



Indian Paradise-Flycatcher

Terpsiphone paradisi

SHALU AMANA



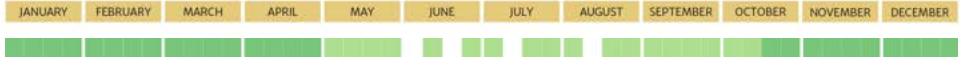
Wet Season

< 0.1% of lists



Dry Season

6.2% of lists



Brown Shrike

Lanius cristatus

MOHAMMED RAMEES K



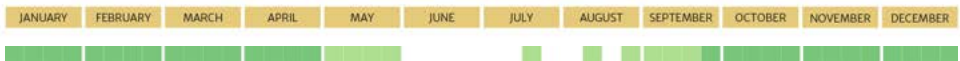
Wet Season

< 0.1% of lists



Dry Season

3.6% of lists



Bay-backed Shrike

Lanius vittatus



Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Long-tailed Shrike

Lanius schach



Wet Season

0.6% of lists



Dry Season

0.8% of lists



Rufous Treepie

Dendrocitta vagabunda

SREEKUMAR K GOVINDANKUTTY



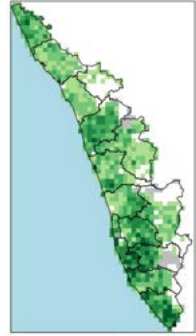
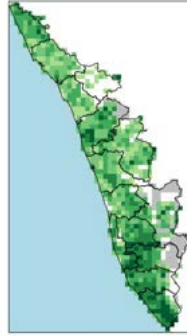
Wet Season

38.4% of lists



Dry Season

32.5% of lists



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



White-bellied Treepie

Dendrocitta leucogastra

AMAL US



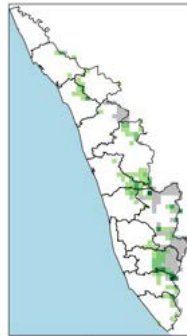
Wet Season

2.4% of lists



Dry Season

3.2% of lists



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



House Crow

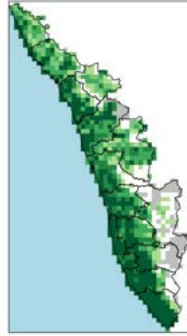
Corvus splendens

AFSAR NAYARKKAN



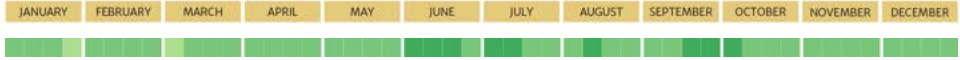
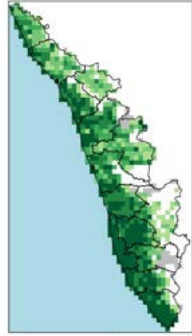
Wet Season

54% of lists



Dry Season

47.4% of lists



Large-billed Crow

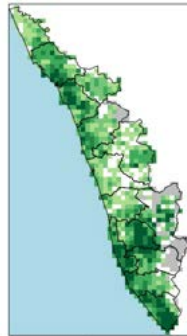
Corvus macrorhynchos

KRISHNAKUMAR K IYER



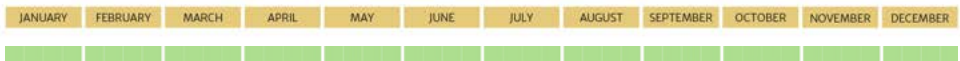
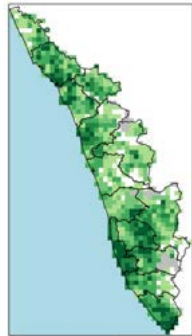
Wet Season

39.9% of lists



Dry Season

38.8% of lists



Grey-headed Canary-Flycatcher

Culicicapa ceylonensis



JISHNU R



Wet Season

0.6% of lists



Dry Season

0.9% of lists



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



Cinereous Tit (Great Tit)

Parus cinereus



VINOD KUMAR



Wet Season

1.5% of lists



Dry Season

2.2% of lists



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



Indian Yellow Tit
Machlolophus aplanotus

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

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

ABHINAND 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

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

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

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

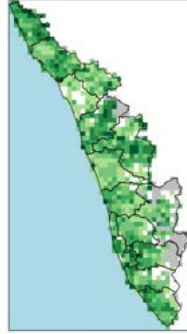
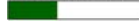
Orthotomus sutorius

KRISHNAKUMAR K IYER



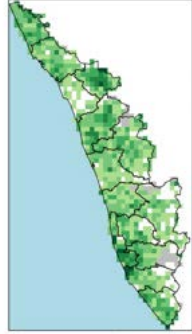
Wet Season

36.2% of lists



Dry Season

26.5% of lists



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



Grey-breasted Prinia

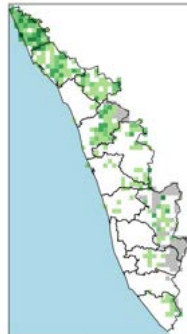
Prinia hodgsonii

ABHINAV CHANDRAN



Wet Season

6.9% of lists



Dry Season

3.2% of lists



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



Jungle Prinia

Prinia sylvatica

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

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

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

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

ABHINAV CHANDRAN



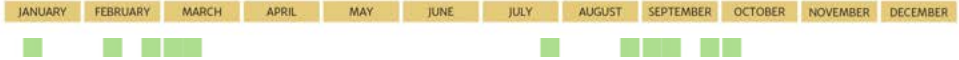
Wet Season

0.1% of lists



Dry Season

< 0.1% of lists



Thick-billed Warbler

Arundinax aedon

KRISHNAKUMAR K IYER



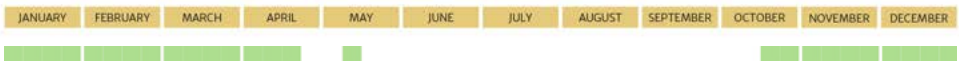
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Booted Warbler

Iduna caligata

AFSAR NAYARKKAN



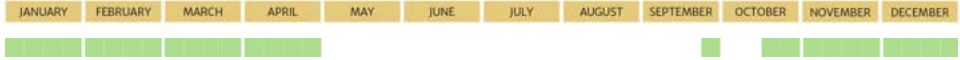
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Sykes's Warbler

Iduna rama

KRISHNAKUMAR K IYER



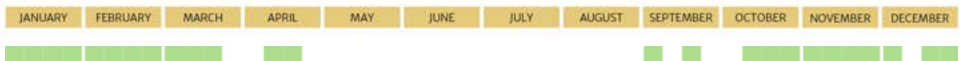
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Paddyfield Warbler

Acrocephalus agricola

JISHNU R



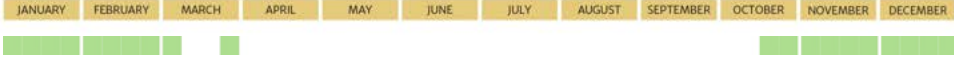
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Blyth's Reed Warbler

Acrocephalus dumetorum

ABHINAND CHANDRAN



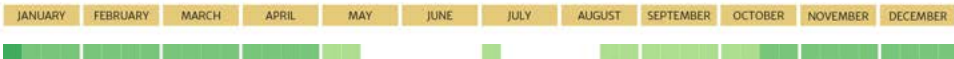
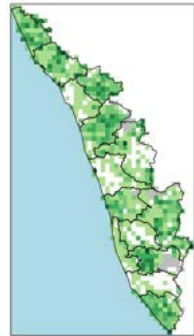
Wet Season

< 0.1% of lists



Dry Season

21.4% of lists



Clamorous Reed Warbler (Indian Great Reed Warbler)

Acrocephalus stentoreus

SREEKUMAR K GOVINDANKUTTY



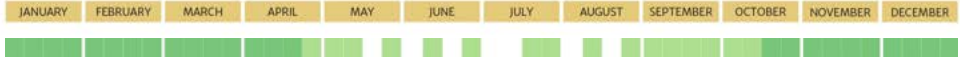
Wet Season

< 0.1% of lists



Dry Season

0.8% of lists



Broad-tailed Grassbird

Schoenicola platyurus

BLU PB



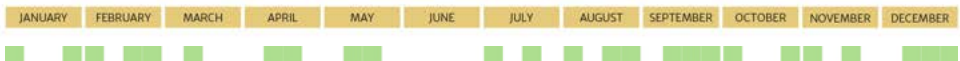
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Dusky Crag-Martin

Ptyonoprogne concolor

ARUN SHANKAR



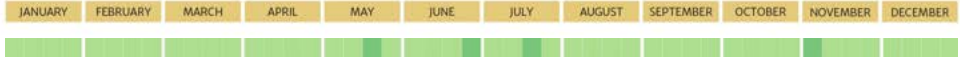
Wet Season

0.8% of lists



Dry Season

0.4% of lists



Barn Swallow

Hirundo rustica

JISHNU R



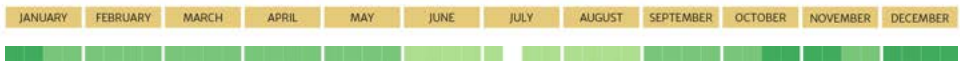
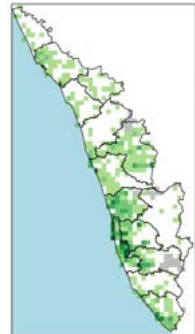
Wet Season

0.2% of lists



Dry Season

8.5% of lists



Wire-tailed Swallow

Hirundo smithii

AFSAR NAYAKKAN



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

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

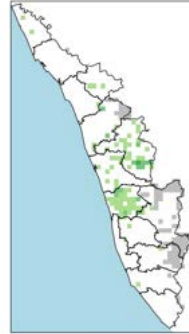


Red-rumped Swallow
Cecropis daurica

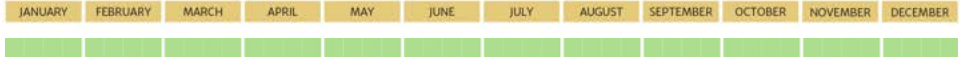


ABHINAND CHANDRAN

Wet Season
1.6% of lists



Dry Season
4.6% of lists



Streak-throated Swallow
Petrochelidon fluvicola

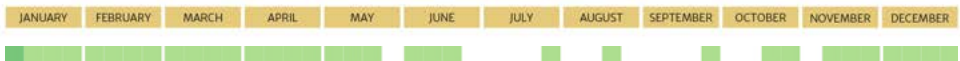


BIJU P. B.

Wet Season
< 0.1% of lists



Dry Season
< 0.1% of lists



Grey-headed Bulbul

Brachyodius priocephalus

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

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

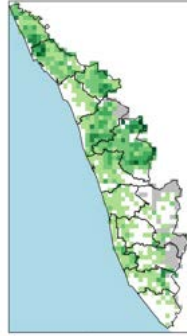
Pycnonotus cafer

JJU VINOD



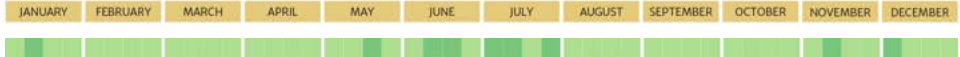
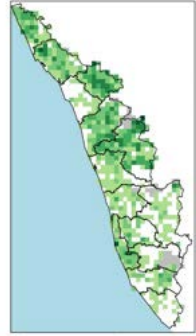
Wet Season

17.8% of lists



Dry Season

18.1% of lists



Red-whiskered Bulbul

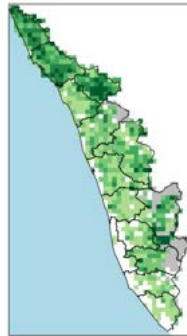
Pycnonotus jocosus

NESRU TIRUR



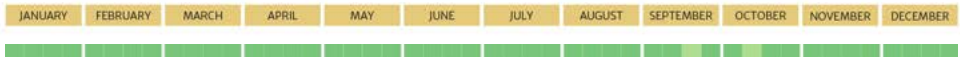
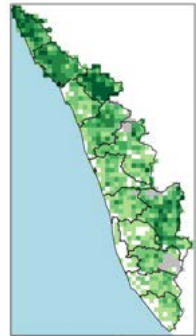
Wet Season

28.6% of lists



Dry Season

33% of lists



Yellow-throated Bulbul

Pycnonotus xantholaemus



BJU PB



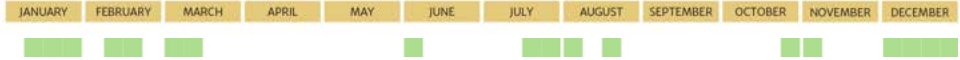
Wet Season

< 0.1% of lists



Dry Season

0% of lists



White-browed Bulbul

Pycnonotus luteolus



NISHAD ESHAL



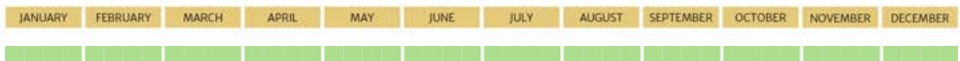
Wet Season

1.9% of lists



Dry Season

1.9% of lists



Yellow-browed Bulbul

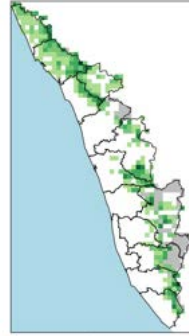
Iole indica

SREEDEVI MADHAVAN



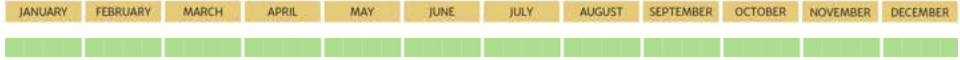
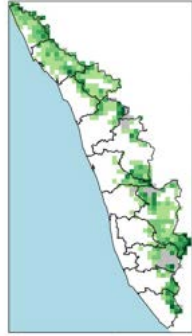
Wet Season

9.8% of lists



Dry Season

12% of lists



Square-tailed Bulbul (Black Bulbul)

Hypsipetes ganeesa

REJI CHANDRAN



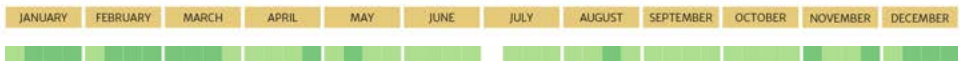
Wet Season

0.5% of lists



Dry Season

2.2% of lists



Tytler's Leaf Warbler

Phylloscopus tytleri

SATHYAN MEPPAYUR



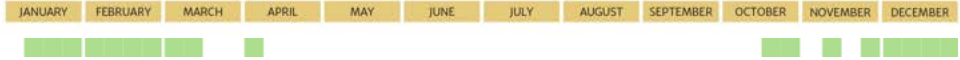
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Tickell's Leaf Warbler

Phylloscopus affinis

NESRU TIRUR



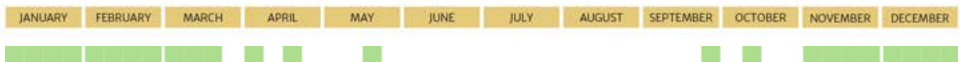
Wet Season

0% of lists



Dry Season

0.2% of lists



Green/Greenish Warbler

Phylloscopus nitidus/trochiloides

ABHINAND CHANDRAN



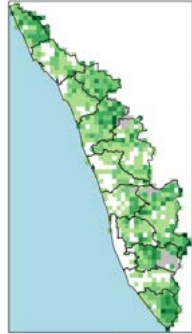
Wet Season

0.4% of lists



Dry Season

22.6% of lists



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

Large-billed Leaf Warbler

Phylloscopus magnirostris

PREMCHAND RAGHUVARAN



Wet Season

< 0.1% of lists



Dry Season

1.9% of lists



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



Western Crowned Warbler

Phylloscopus occipitalis

RATISH 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

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



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

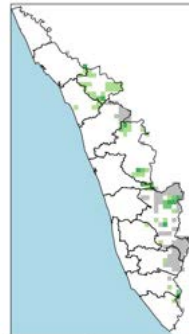


PAULSON JOY



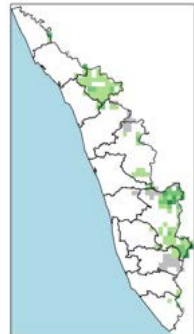
Wet Season

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

REJI CHANDRAN



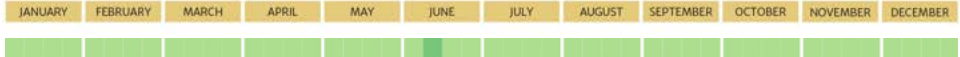
Wet Season

0.1% of lists



Dry Season

0.3% of lists



Dark-fronted Babbler

Rhopocichla atriceps

PRASHANTHA KRISHNA MC



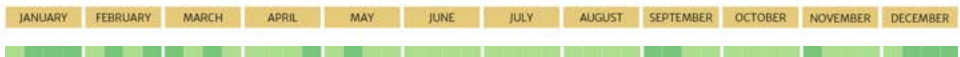
Wet Season

1.1% of lists



Dry Season

1.3% of lists



Indian Scimitar-Babbler

Pomatorhinus horsfieldii

PAULSON JOY



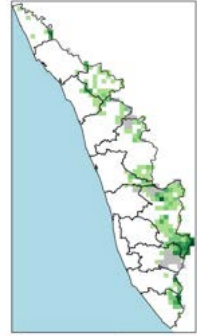
Wet Season

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

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 poiocephala

ROSHNATH RAMESH



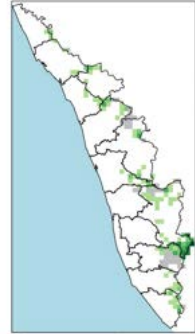
Wet Season

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

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



Rufous Babbler

Turdoides subrufa

ABHINAV CHANDRAN



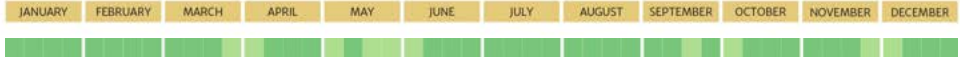
Wet Season

2.8% of lists



Dry Season

2% of lists



Jungle Babbler

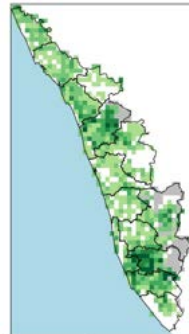
Turdoides striata

MOHAMMED SAYEER PK



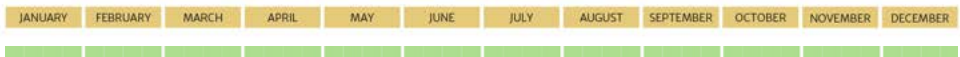
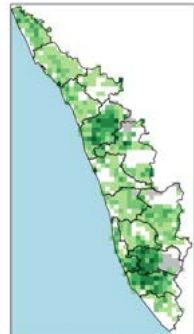
Wet Season

22.2% of lists



Dry Season

21.3% of lists



Yellow-billed Babbler

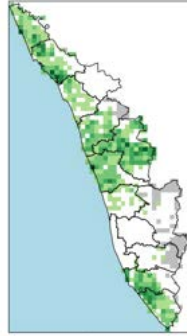
Turdoides affinis

MOHAMMED RAMEES K



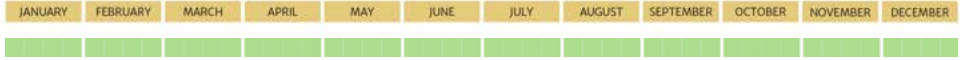
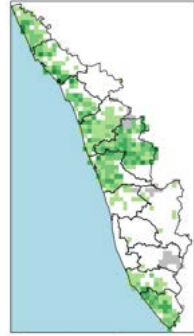
Wet Season

14.5% of lists



Dry Season

11.2% of lists



Wayanad Laughingthrush

Ianthocincla delesserti

SATHYAN MEPPAYUR



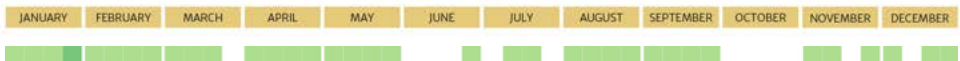
Wet Season

< 0.1% of lists



Dry Season

0.2% of lists



Banasura Laughingthrush (Banasura Chilappan)

Montecinla jerdoni

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

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)

Montecincla fairbanki

BJU 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)

Montecincla meridionalis

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

SATHYAN MEPPAYUR



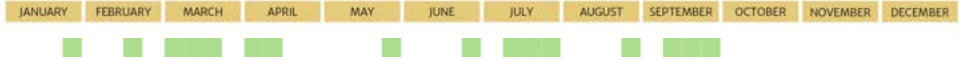
Wet Season

< 0.1% of lists



Dry Season

< 0.1% of lists



Velvet-fronted Nuthatch

Sitta frontalis

BLU PB



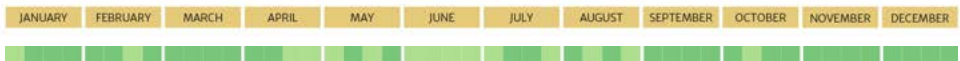
Wet Season

1.6% of lists



Dry Season

2.3% of lists



Southern Hill Myna

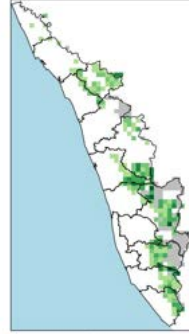
Gracula indica

SHALU AMANA



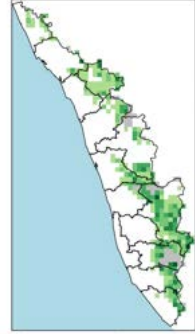
Wet Season

6.1% of lists



Dry Season

9.3% of lists



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



Rosy Starling

Pastor roseus

NESRU TIRUR



Wet Season

< 0.1% of lists



Dry Season

1.3% of lists



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



Brahminy Starling
Sturnia pagodarum

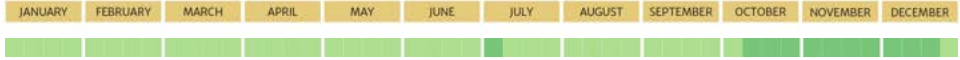


BUJU PB

Wet Season
0.3% of lists



Dry Season
0.5% of lists



Chestnut-tailed Starling
Sturnia malabarica

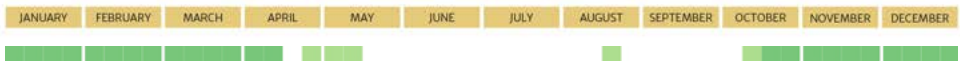


JLU VINOD

Wet Season
0% of lists



Dry Season
2% of lists



Malabar Starling (Blyth's Starling)

Sturnia blythii

LATHISH R NATH



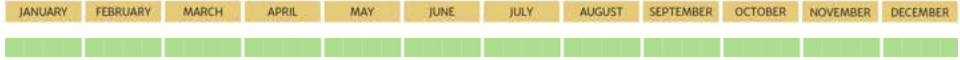
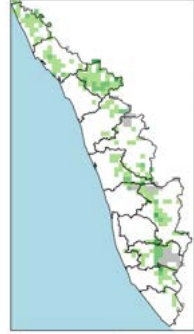
Wet Season

1.5% of lists



Dry Season

3.4% of lists



Common Myna

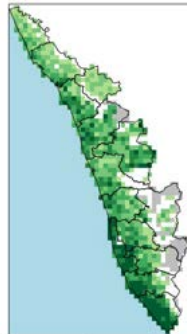
Acridotheres tristis

JISHNU R



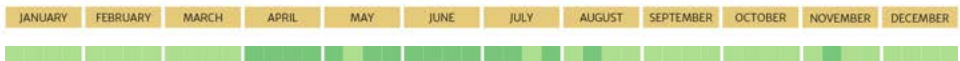
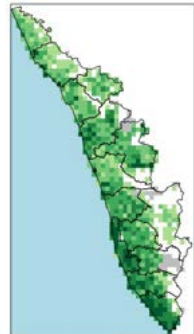
Wet Season

39.2% of lists



Dry Season

35.7% of lists



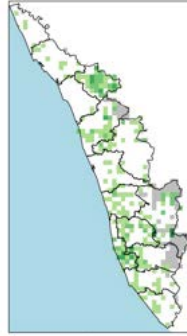
Jungle Myna *Acridotheres fuscus*

ABHINAND CHANDRAN



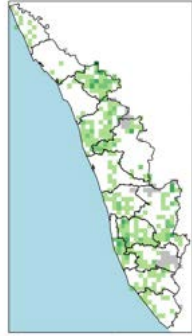
Wet Season

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*

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

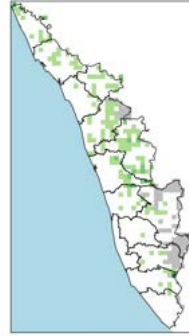
Geokichla citrina

ABHINAND CHANDRAN



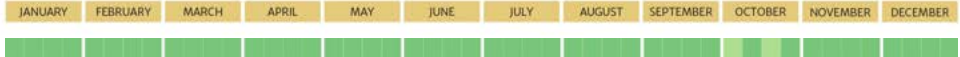
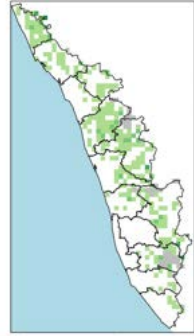
Wet Season

2.2% of lists



Dry Season

3.6% of lists



Indian Blackbird

Turdus simillimus

MOHAMMED SAYEER PK



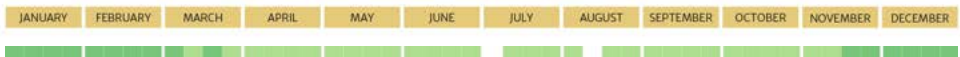
Wet Season

0.1% of lists



Dry Season

1.1% of lists



Asian Brown Flycatcher

Muscicapa dauurica

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

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

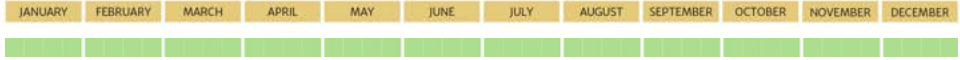


NAJEEB K

Wet Season
1% of lists



Dry Season
1.1% of lists

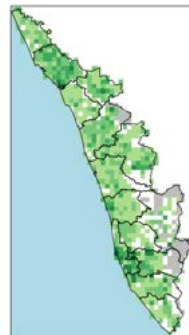


Oriental Magpie-Robin
Copsychus saularis

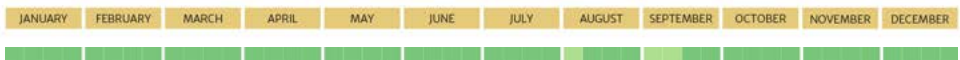
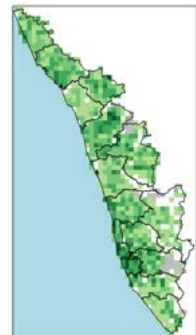


NESRU TIRUR

Wet Season
20.8% of lists



Dry Season
26.9% of lists



White-rumped Shama

Copsychus malabaricus

BUJU PB



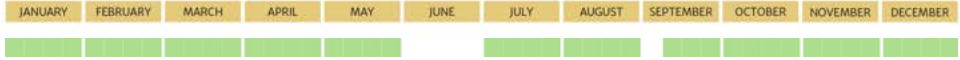
Wet Season

0.1% of lists



Dry Season

0.1% of lists



White-bellied Sholakili

Sholicola albiventris

MOHAMMED SAYEER PK



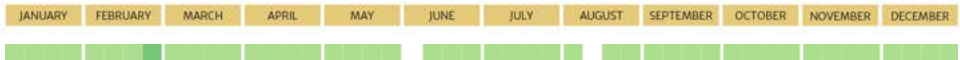
Wet Season

< 0.1% of lists



Dry Season

0.2% of lists



White-bellied Blue Flycatcher
Cyornis pallidipes

SREEJESH K NAIR



Wet Season

0.2% of lists



Dry Season

0.5% of lists



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



Blue-throated Flycatcher
Cyornis rubeculoides

BLU PB



Wet Season

0% of lists



Dry Season

0.4% of lists



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



Tickell's Blue Flycatcher

Cyornis tickelliae

ROSHNATH RAMESH



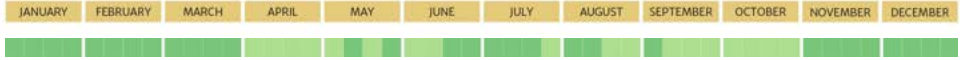
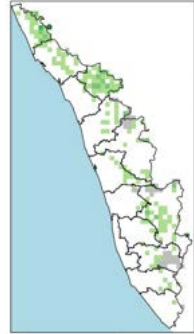
Wet Season

1.3% of lists



Dry Season

2.4% of lists



Nilgiri Flycatcher

Eumyias albicaudatus

JISHNU NARAYANAN



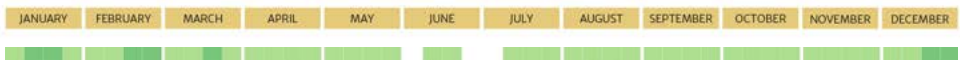
Wet Season

0.1% of lists



Dry Season

0.6% of lists



Verditer Flycatcher

Eumyias thalassinus

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

Larvivera brunnea

JJU 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

MOHAMMED RINAZ



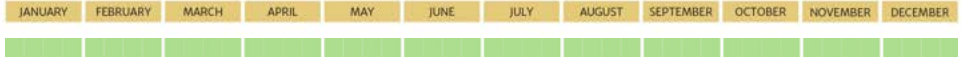
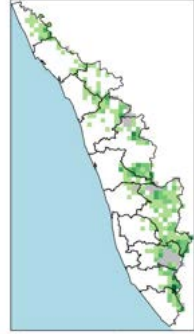
Wet Season

5.1% of lists



Dry Season

5.7% of lists



Black-and-orange Flycatcher
Ficedula nigrorufa

JISHNU R



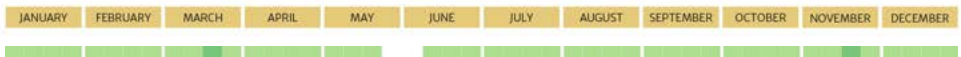
Wet Season

0.1% of lists



Dry Season

0.4% of lists



Rusty-tailed Flycatcher

Ficedula ruficauda

JJU VINOD



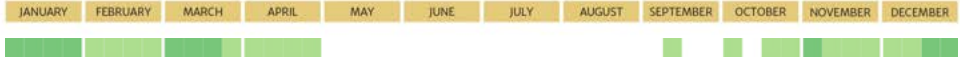
Wet Season

< 0.1% of lists



Dry Season

0.5% of lists



Taiga Flycatcher (Red-throated Flycatcher)

Ficedula albicilla

REJI CHANDRAN



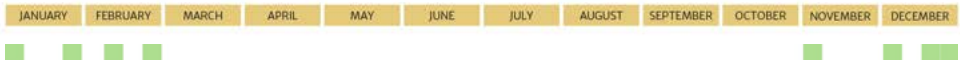
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Blue-capped Rock-Thrush

Monticola cinclorhyncha

BUJU PB



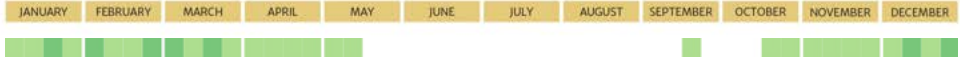
Wet Season

0% of lists



Dry Season

0.8% of lists



Blue Rock-Thrush

Monticola solitarius

ABHINAND CHANDRAN



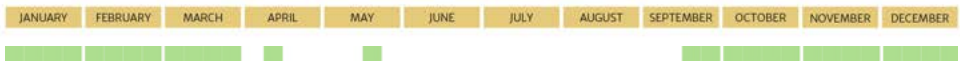
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Siberian Stonechat (Common Stonechat)

Saxicola maurus

LATHISH R NATH



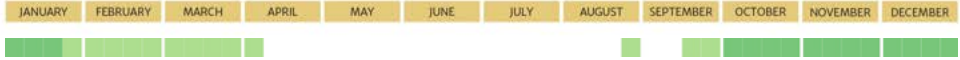
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Pied Bushchat

Saxicola caprata

ABHINAND CHANDRAN



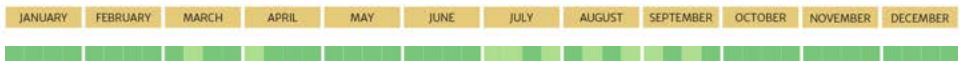
Wet Season

0.9% of lists



Dry Season

1.4% of lists



Thick-billed Flowerpecker

Dicaeum agile

PRASHANTHA KRISHNA MC



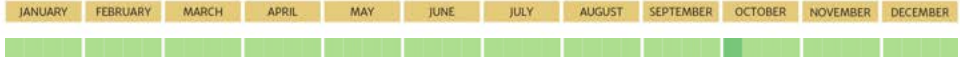
Wet Season

0.3% of lists



Dry Season

0.3% of lists



Pale-billed Flowerpecker

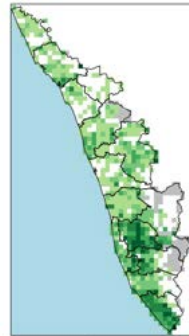
Dicaeum erythrorhynchos

SREEKUMAR K GOVINDANKUTTY



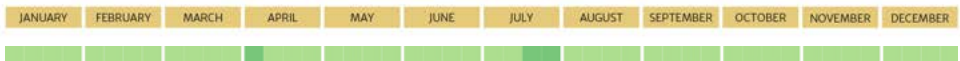
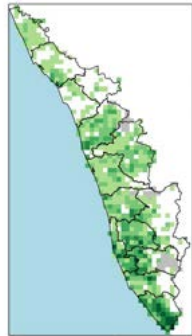
Wet Season

22% of lists



Dry Season

18.8% of lists



Nilgiri Flowerpecker

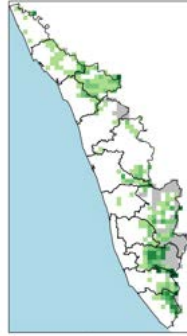
Dicaeum concolor

REJI CHANDRAN



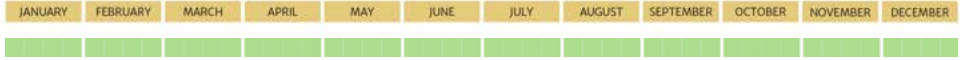
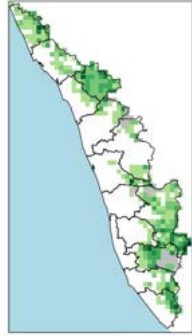
Wet Season

7% of lists



Dry Season

11.5% of lists



Purple-rumped Sunbird

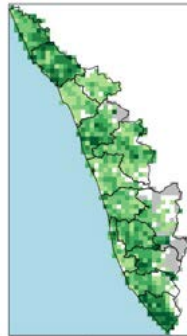
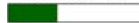
Leptocoma zeylonica

NESRU TIRUR



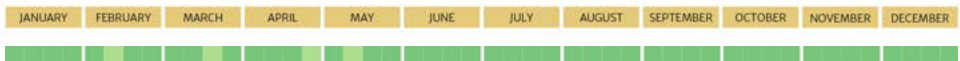
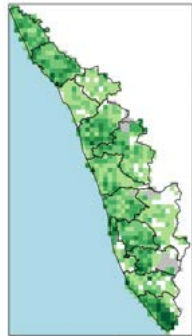
Wet Season

36.2% of lists



Dry Season

29.5% of lists

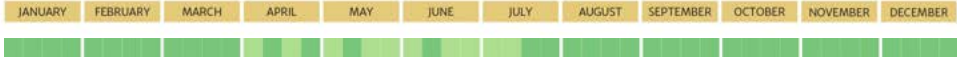
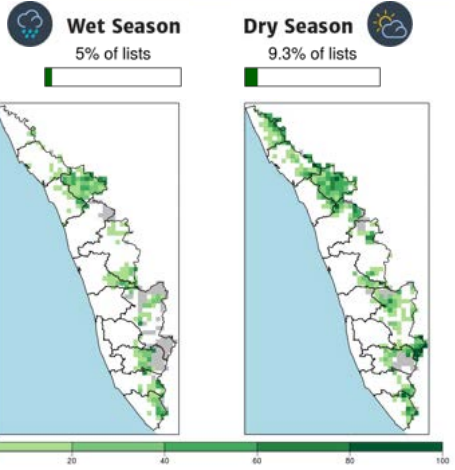


Crimson-backed Sunbird (Small Sunbird)

Leptocoma minima



MOHAMMED SAYEER PK

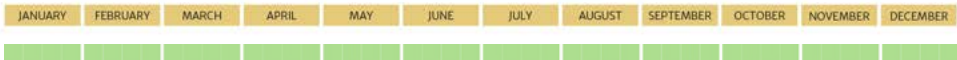
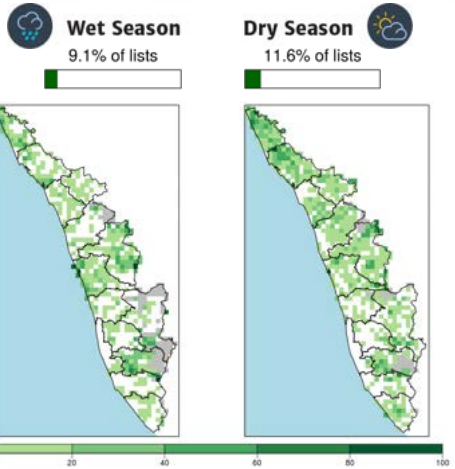


Purple Sunbird

Cinnyris asiaticus



BEJU PB



Loten's Sunbird (Long-billed Sunbird)

Cinnyris lotenius

ABHINAND CHANDRAN



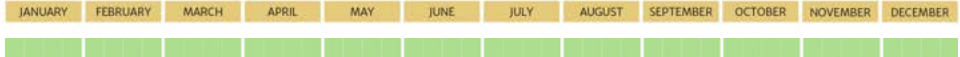
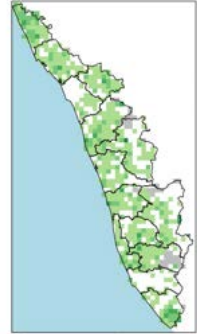
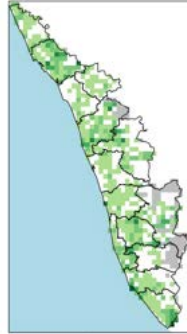
Wet Season

11.2% of lists



Dry Season

9.6% of lists



Little Spiderhunter

Arachnothera longirostra

PREMCHAND RAGHUVARAN



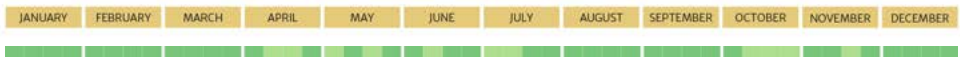
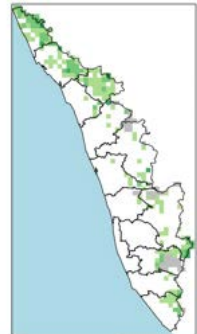
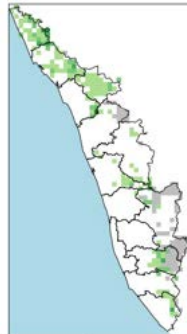
Wet Season

3.1% of lists



Dry Season

3.6% of lists



Asian Fairy-bluebird

Irena puella

BJU PB



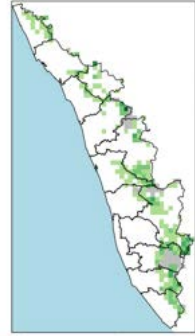
Wet Season

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

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

SIDHARTH S NAMBIAR



Wet Season

5.2% of lists



Dry Season

5.4% of lists



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

Streaked Weaver

Ploceus manyar

REJI CHANDRAN



Wet Season

< 0.1% of lists



Dry Season

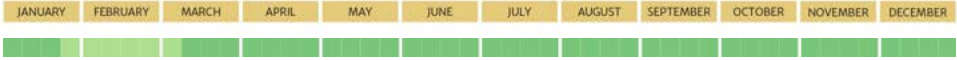
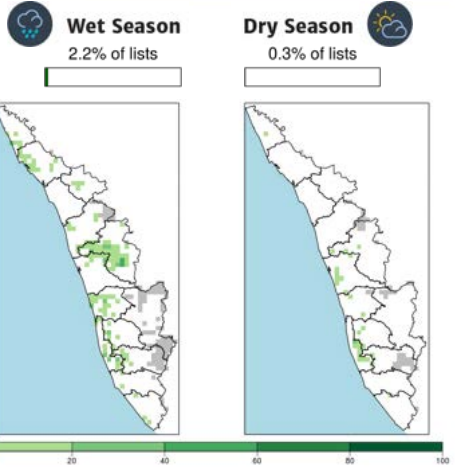
< 0.1% of lists



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

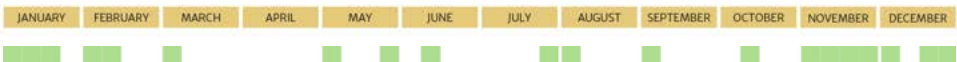
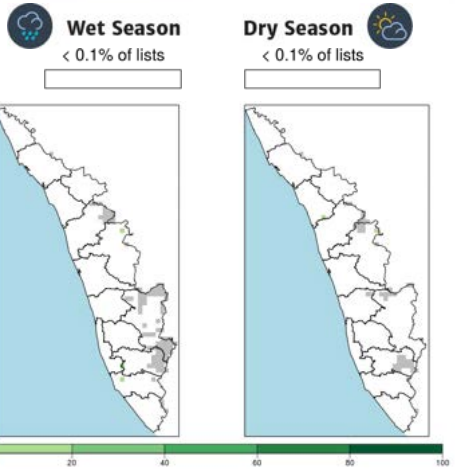
Baya Weaver
Ploceus philippinus

SREEKUMAR K GOVINDANKUTTY



Indian Silverbill (White-throated Munia)
Euodice malabarica

SANTHOSH KALLINGAL



White-rumped Munia

Lonchura striata



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



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)

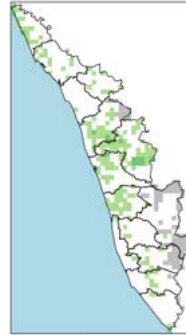
Lonchura punctulata

SABARISH D



Wet Season

2.7% of lists



Dry Season

0.9% of lists



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

Tricolored Munia (Black-headed Munia)

Lonchura malacca

JISHNU R



Wet Season

1% of lists



Dry Season

0.2% of lists



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

House Sparrow

Passer domesticus

ANEESH SASIDEVAN



Wet Season

1.5% of lists



Dry Season

1.5% of lists



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



Yellow-throated Sparrow (Chestnut-shouldered Petronia)

Gymnoris xanthocollis

MOHAMMED SAYEER PK



Wet Season

0% of lists



Dry Season

0.3% of lists



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



Forest Wagtail

Dendronanthus indicus



JISHNU R



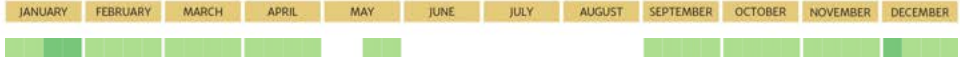
Wet Season

< 0.1% of lists



Dry Season

0.4% of lists



Grey Wagtail

Motacilla cinerea



ABHINAND CHANDRAN



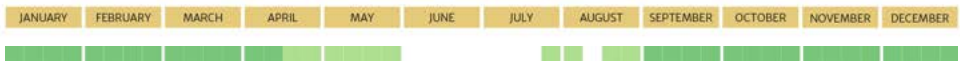
Wet Season

0.5% of lists



Dry Season

4.6% of lists



Western Yellow Wagtail

Motacilla flava

SREEKUMAR K GOVINDANKUTTY



Wet Season

< 0.1% of lists



Dry Season

1.7% of lists



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



White-browed Wagtail (Large Pied Wagtail)

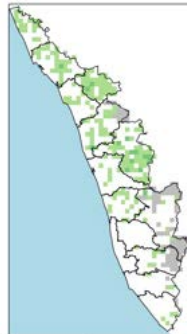
Motacilla maderaspatensis

JISHNU R



Wet Season

3% of lists



Dry Season

3.1% of lists



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



White Wagtail

Motacilla alba

KRISHNAKUMAR K IYER



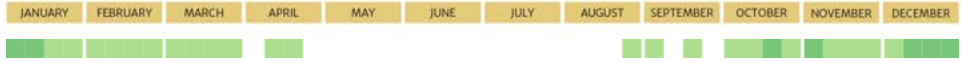
Wet Season

0% of lists



Dry Season

0.1% of lists



Richard's Pipit

Anthus richardi

SHYAMIKUMAR PURAVANIGARA



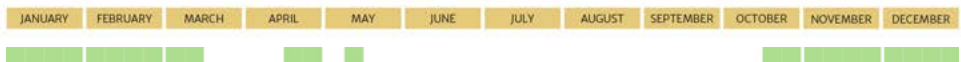
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Paddyfield Pipit

Anthus rufulus

ABHINAND CHANDRAN



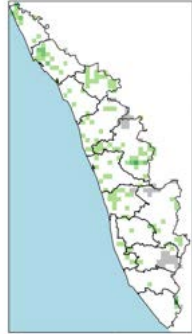
Wet Season

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

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

AFSAR NAYARKKAN



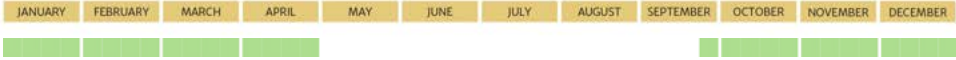
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Nilgiri Pipit
Anthus nilghiriensis

BLU PB



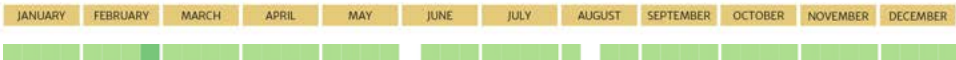
Wet Season

0% of lists



Dry Season

0.1% of lists



Tree Pipit

Anthus trivialis

PRASHANTHA KRISHNA MC



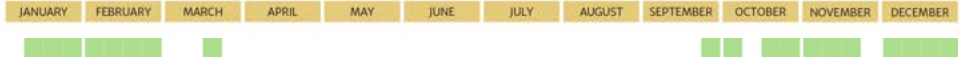
Wet Season

0% of lists



Dry Season

< 0.1% of lists



Olive-backed Pipit

Anthus hodgsoni

KRISHNAKUMAR K IYER



Wet Season

0% of lists



Dry Season

< 0.1% of lists



Common Rosefinch
Carpodacus erythrinus



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

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