

**Summary of the data generated
on the Hornbill Watch website
(From June 3rd 2014 to June 10th 2020)**



Great Hornbill ©Prasanna Venkatesh G, Anamalai TR, Tamil Nadu.

1. Total number of records : 1204
2. Number of unique reporters : 581
3. Number of reporters with more than one sighting : 191
4. Number of reporters with only one sighting : 393
5. Number of contributors with two records : 90
6. Number of contributors with more than five records : 28
7. Average number of contribution by people : 2.06 (range: 1-35)
8. Top contributor (Maximum records by a single person) : Rohit Naniwadekar (35 records)
9. Top contributor with most number of species : Ramki Sreenivasan (8 species)
10. Three topmost entries for species : Indian grey hornbill = 371 (30.81%), Great hornbill = 264 (21.93%), Malabar pied hornbill = 182(15.12%)
11. Three topmost entries by states : Karnataka = 245 (20.35%), Maharashtra = 183 (15.20%), Assam = 117 (9.72%)
12. Number of states and union territories from where sightings were recorded : 30
13. Number of records from North-Eastern states : 230 (19.10%)
14. Number of records which came from protected areas(PAs) : 483 (40.03%)
15. Number of records which came from outside PAs : 722 (59.97%)
16. Time of day during which maximum number of sightings were recorded : Mid-morning (8 to 12 am) = 388 (32.23%)
17. Most recorded behaviour : Perching = 333
18. Least recorded behaviour : Allogrooming = 7
19. Flock size: mean = 4.34, range = 1 - 123, N = 1164
20. Maximum records reported for habitat : Primary forest (dense) = 319
21. Least records reported for habitat : Highly degraded forest = 28
22. The species for which highest number of records observed for nesting behaviour : Great hornbill = 20
23. Number of records for nesting behaviour inside PA : 31, outside PA : 41
24. Most recorded age/sex class : Adult pair = 274
25. Least recorded age/sex class : Juvenile flock = 2
26. Oldest record from year: 2000
27. Total number of sightings reported between year 2000 to 2005 = 5
28. Total number of sightings reported between year 2005 to 2010 = 37
29. Total number of sightings reported between year 2010 to 2015 = 471
30. Total number of sightings reported between year 2015 to 2020 = 527

The Hornbill Watch team summarized the data. We thank Ishaan Patil for writing an automated R code for data analysis. We thank all 581 people who have contributed their sightings/images for the site. Their names along with the number of entries is given in the table below.

S. No	Name of Contributor	No. of entries							
1.	A Umamaheshwara Rao	1	46.	Anjali Powar Haridass	1	93.	Bhamini Pande	2	
2.	Aabha Sharma	1	47.	Anjana Bhargava	1	94.	Bhanu Prakash	2	
3.	Aadarsh Pillai	1	48.	Ankan Datta	1	95.	Bhanu Singh	1	
4.	AB Apana	1	49.	Ankur	1	96.	Bhanu Sridharan	1	
5.	Abhay Gore	1	50.	Ankur Adhikari	1	97.	Bhaskar J. Bora	1	
6.	Abhijeet Bokil	1	51.	Ankur Gupta	1	98.	Bhavana Lakhani	1	
7.	Abhijeet K More	1	52.	Ann Joseph	1	99.	Biang La Nam Syiem	3	
8.	Abhishek Gulshan	1	53.	Anoop Leon King	3	100.	Bibhav Behera	2	
9.	Abhishek Sharma	1	54.	Anoop Singh	1	101.	Biju P B	1	
10.	Abishek Harihar	10	55.	Anshul Maheshwari	4	102.	Bikash Kalita	2	
11.	Able Lawrence	8	56.	Anshuman Sarkar	3	103.	Bimal M Pat	1	
12.	Adarsh Raju	5	57.	Anuj	2	104.	Bipul Das	1	
13.	Adarsha	1	58.	Anuj D Raina	2	105.	Bivash Pandav	5	
14.	Aditya Nayak	1	59.	Anurag Chaudhry	1	106.	C Macleod	1	
15.	Aditya Ratnakant Salekar	1	60.	Aparajita Datta	30	107.	CH Jagadesh	1	
16.	Aditya V Bapat	1	61.	Aparna Jain	2	108.	Chandan Dalawat	1	
17.	Aiket Sayam	4	62.	Apoorv Pandit	2	109.	Chandar Rawat	1	
18.	Ajay Gadikar	21	63.	Apurv	1	110.	Chandra Sekhar Bandi	4	
19.	AJT Johnsingh	1	64.	Aradhana Rangachar	1	111.	Charu Venkatraman	4	
20.	Akhil Sanjeev	1	65.	Arijit Mahata	2	112.	Chetan Harkisandas Joshi	1	
21.	Akshay Narkar	2	66.	Arindam Bhattacharya	2	113.	Chinmay Rahane	1	
22.	Akshay Surendra	1	67.	Arjun	1	114.	Conrad Pinto	2	
23.	Alfred deSousaa	1	68.	Arkajyoti Shome	4	115.	Cynthia Sinclair	1	
24.	Alka Vaidya	1	69.	Arnab Raychoudhury	1	116.	Darasingh Shyoran	1	
25.	Alok Ganguly	2	70.	Arpan Saha	3	117.	Darshan Khatau	10	
26.	Alok Kumar	1	71.	Arpit Deomurari	1	118.	Dattatray Alias D D Thorat	7	
27.	Amey Jambhekar	2	72.	Arshiya Bose	1	119.	Dayani Chakravarthy	1	
28.	Ameya Naniwadekar	1	73.	Arun Goel	1	120.	Debabrata Phukon	1	
29.	Amirtharaj	1	74.	Arun Sankar	1	121.	Debapratim Saha	3	
30.	Amish Parekh	1	75.	Arunsankar N	12	122.	Deepa KS	1	
31.	Amit Bali	1	76.	Aruvi Poomali	1	123.	Deepak Bhandari	1	
32.	Amit Jadhav	1	77.	Aryan Patel		124.	Dhananjay Bhamburkar	1	
33.	Amit Prakash Nayak	1	78.	Asad Rahmani	2	125.	Dhananjay Bhuskade	1	
34.	Amitayu Dey	1	79.	Ashish	3	126.	Dhananjay Vijay Singh	1	
35.	Amith	1	80.	Ashish John	1	127.	Dhanuparan	5	
36.	Amla Natarajan	1	81.	Ashish Tiwari	1	128.	Dheeraj Tripathi	2	
37.	Amrita Chaskar	7	82.	Ashritha Anoop	1	129.	Dhritiman Hore	1	
38.	Amrito Chakraborty	1	83.	Ashutosh Malik	1	130.	Dhritiman Mukherjee	2	
39.	Anand Pendharkar	4	84.	Ashutosh Mandrekar	1	131.	Dilip Somani	2	
40.	Ananda Das	3	85.	Ashwin Dev	2	132.	Dipayan Chakraborty	5	
41.	Aneesh Sivan	1	86.	Ashwin Viswanathan	2	133.	Diptesh	1	
42.	Aniket Sayam	2	87.	Ashwini Kumar Bhat	4	134.	Divya Mudappa	11	
43.	Anil Kumar Singh	1	88.	Atul Dhamankar	1	135.	Diya Banerjee	2	
44.	Anil Upadhyay	1	89.	Avisek Banerjee	2	136.	Dr A. Ashok	4	
45.	Anish Paul	1	90.	Avishek Sarkar	1	137.	Dr Adyar Amaresh	4	
			91.	Balachandra Bingi	1	138.	Dr Amrish Patel	1	
			92.	Basanta Kumar Behura	2	139.	Dr Ashok Kolluru	2	

140.	Dr Bhushan Kaluskar	2
141.	Dr Chetna Sharma	1
142.	Dr H. Sengupta	2
143.	Dr Jayant Wadatkar	3
144.	Dr Joram Khopey	1
145.	Dr Jyoti Dutta	1
146.	Dr Kalpana Chaudhary	1
147.	Dr Mazedul Islam	1
148.	Dr Peroth Balakrishnan	6
149.	Dr Pramod Bansode	1
150.	Dr Pramod P V	2
151.	Dr Rajeev Chauhan	3
152.	Dr Ranjan Kumar Das	4
153.	Dr Shashikumar Ramadugu	1
154.	Dr Subhamay Karmarkar	1
155.	Elango	1
156.	Elias Borges	1
157.	Elisha Barmeir	1
158.	Er. Manorath Singh	1
159.	Eshaan Chauhan	1
160.	Firoz Hussain	1
161.	Freddy	1
162.	Gajanan Kanitkar	3
163.	Ganesh	1
164.	Ganesh Jayaraman	1
165.	Ganesh R Mandavkar	6
166.	Ganesh Raghunathan	15
167.	Garima Bhatia	2
168.	Gaurav Mehendlae	1
169.	Geetanjali Dhar	5
170.	George Eapen	2
171.	Girish Punjabi	10
172.	Gita	1
173.	Gopi	5
174.	Gowtham	1
175.	Gurdyl Singh	2
176.	Guruprasad Timmapur	1
177.	Hari	1
178.	Hari Om Gupta	1
179.	Hari Shankar Dev	1
180.	Hari Somashekar	5
181.	Harikrishnan S	1
182.	Harish Mewani	1
183.	Harish Pant	1
184.	Harsh Vardhan	1
185.	Harshal Deshpande	1
186.	Harshith	1
187.	Hemanya Radadia	1
188.	Hena Dasari	5
189.	Himasnhu Tembhekar	1
190.	Hopeland P	1
191.	Hymakar V V R P	1
192.	Ikshan Ganpathi	1

193.	Indira	1
194.	Jatinder Vijh	1
195.	Jaya Rane	14
196.	Jayakumar	1
197.	Jayant Atrey	1
198.	Jayavelu Kuppuswamy	2
199.	Jayesh Joshi	1
200.	Jegan	1
201.	Jishnu Satheesh Babu	2
202.	Julie King	1
203.	Juyee Borcar	1
204.	Jyoti Rani Ahlawat	4
205.	K Nischal Ponnappa	1
206.	K Sravan Kumar	2
207.	K Vinod	1
208.	Kaajal Dasgupta	1
209.	Kallol Majumder	1
210.	Kamal Krishna Tamuli	1
211.	Kamal Nath Tiwari	1
212.	Kanaka G	1
213.	Kandaswamy E	1
214.	Karan Shah	5
215.	Karthik	1
216.	Karthik AK	1
217.	Kartik Chandramouli	1
218.	Katyayani V Rao	1
219.	Kaushik Vijay	1
220.	Kaustubh Bendale	1
221.	Kaustubh Mulay	1
222.	Keerthana Balaji	2
223.	Keerthy TV	1
224.	Khanindra Choudhury	1
225.	Kiran Neeravari	2
226.	Kiran TRK	3
227.	Kiranmayee K	3
228.	Kishore	1
229.	Kishore Wankhade	1
230.	Kishorekumar P	2
231.	Koshy Koshy	1
232.	Krishna Prasad Dahal	1
233.	Krishnan V	3
234.	Kumar and Khem Thapa	3
235.	Kunal Singh	1
236.	Kurush F Dalal	2
237.	Lalit Mohan Bansal	1
238.	Lansothung Shitiri	3
239.	Lima Rosalind	1
240.	Lingesh Kalingarayar	2
241.	Lt Col Rohit Sharma	1
242.	M G Nanda Gopal	4
243.	Maanav Jalan	1
244.	Macson Almeida	1
245.	Madan Nair	1

246.	Madhavi Pravin Salunkhe	1
247.	Madhavi Ravindra	1
248.	Madhu Gopalakrishnan	1
249.	Mahesh Ghate	1
250.	Mainak Das	1
251.	Malavika Bakshi Rao	1
252.	Malyasri Bhattacharya	2
253.	Manan Panchal	1
254.	Manash Jyoti Talukdar	1
255.	Manash Protim Bordoloi	1
256.	Mandar Kulkarni	1
257.	Mandip Kapoor	1
258.	Mangirish G Dharwadkar	1
259.	Manish Garg	1
260.	Manoher Dev	1
261.	Manoj Kumar	1
262.	Manoj Sharma	4
263.	Manoj Warriar	1
264.	Mantra Mukim	1
265.	Matheeq	1
266.	Maya Ramaswamy	1
267.	Mayak Negi	2
268.	Mayank Dhapola	1
269.	Mayur Kadrekar	1
270.	Mayur Sarang	3
271.	Meenakshi Reddy Madhavan	1
272.	Megh Roy Choudhury	5
273.	Megha Rao	5
274.	Melvin Jaison	2
275.	Mihir Godbole	1
276.	Milind Valawalkar	1
277.	Minakshi Pandey	1
278.	Mithun Sadananda	3
279.	Mohammad Shaikh	1
280.	Mohan Raj	3
281.	Mohith Shenoy K	1
282.	Mona Patil	3
283.	Monica	3
284.	Mousumi Chakraborty	1
285.	Mrityunjay Kumar Rai	1
286.	Mrunal Ghosalkar	24
287.	Muddassir	1
288.	Muhammed Kutty PV	2
289.	Mukund Abhyankar	1
290.	Nabin Singh Thapa	1
291.	Nachiket Pethe	4
292.	Nagaraja Adiga	21
293.	Nakul Mohan Heble	2
294.	Nandan Nandi	2
295.	Nandish Songire	1
296.	Nara	3
297.	Natasha Ballal	1
298.	Navaneeth Sini George	7

299.	Naveen Kumar	1	352.	R Suresh Kumar	1	405.	Sabyasachi Ghosh	1
300.	Navid B Momin	1	353.	Radha Rangarajan	7	406.	Sachet Khandeshwar	1
301.	Navin Sasidharan	1	354.	Raghuvir Raghav Das	1	407.	Sachin Panwalkar	1
302.	Navneet Aggarwal	1	355.	Rahul	1	408.	Sahil Shelar	2
303.	Navtej Singh	2	356.	Rahul Anil Puranik	1	409.	Sahila Kudalkar	2
304.	Nayana Mitter	2	357.	Rahul Dattatraya Dafalapure	1	410.	Sajeev R N	2
305.	Neelam Ramesh Reddy	1	358.	Rahul Jauhari	6	411.	Saket Verma	5
306.	Neeraj	1	359.	Rahul Kulkarni	1	412.	Salil Apte	2
307.	Neeraj Garg	1	360.	Rahul Nath	1	413.	Salil Kawli	1
308.	Neha Rao	1	361.	Rahul Raj	1	414.	Sameer Nayak	1
309.	Nikhil Krishna	2	362.	Rahul Rao	2	415.	Samiran Jha	2
310.	Nilesh Thakur	1	363.	Rahul Yadav	1	416.	Sampada Peshwe	1
311.	Nirmal Kanti Dey	2	364.	Raja Ji	1	417.	Samyak Kaninde	7
312.	Nirnay Jain	1	365.	Rajeev	1	418.	Sandeep	1
313.	Nisha Bhakat	1	366.	Rajeev L Deshpande	1	419.	Sandeep Dhumal	1
314.	Nishitha Shrivastava	1	367.	Rajesh Shah	1	420.	Sandeep Dutta	3
315.	Nishkalan	2	368.	Rajeshkumar	1	421.	Sandeep Sarkar	1
316.	Nitin A Marathe	1	369.	Raju A K	1	422.	Sandesh Kadur	1
317.	Nitin Prabhakar	1	370.	Raju Kasambe	4	423.	Sandhya	1
318.	Nobajyoti Borgohain	1	371.	Ram Moahn	1	424.	Sangeeta Dhanuka	5
319.	Nomanuddin Hassan	1	372.	Ramachandra N Hegde	1	425.	Sanjay Punalekar	1
320.	Nonita Lall Qureshi	1	373.	Ramadugu Shashikumar	2	426.	Sanjeet Sahu	1
321.	P Ganapathi	1	374.	Raman Kumar	1	427.	Sankar	1
322.	Panchami Manoo Ukil	2	375.	Ramana Kumar Kandula	1	428.	Sankara Narayanan	1
323.	Panduranga Ashrit	4	376.	Ramesh A S	1	429.	Sankara Pillai	1
324.	Partha Chowdhury	1	377.	Ramesh Desai	4	430.	Sanket Raut	1
325.	Parthsarathi Jha	1	378.	Ramit Singal	1	431.	Santosh Koppad	2
326.	Pikit Hembrom	1	379.	Ramki Sreenivasan	31	432.	Saravanakumar V	1
327.	Porag Jyoti Phukan	7	380.	Ran Vasudeo Mone	1	433.	Saravanan Sundaram	1
328.	Prachee Joeg	1	381.	Rana Das	1	434.	Saroja Hadpad	1
329.	Pradnyavant Mnae	2	382.	Ranjeet Menon	1	435.	Sarthak Awhad	1
330.	Prakash G	2	383.	Rashmi	1	436.	Sarvendra Vikram Singh	1
331.	Prakash Ramakrishnan	8	384.	Rathika Ramasamy	1	437.	Sateesh Kumar	1
332.	Pralay Lahiry	1	385.	Rathod Umang	1	438.	Satem Longchar	1
333.	Pranjal J Saikia	4	386.	Ravi Kailas	1	439.	Satish	1
334.	Pranuta Kantrar	1	387.	Ravinder Pal Singh	3	440.	Satyajyoti Gogoi	1
335.	Prasad NP	1	388.	Raviprakash KB	1	441.	Satyam Chaudhary	1
336.	Prasanna Parab	2	389.	Raza	1	442.	Satyen	1
337.	Prasanna Venkatesh G	5	390.	Renny Poulouse	1	443.	Saamil Shah	1
338.	Prashant Bhagat	1	391.	Reshma Bhat	1	444.	Savita Parikh	2
339.	Prashant Kumar	1	392.	Rhea Jana	1	445.	Savitha Ravi	1
340.	Prashanta Bhattacharjee	1	393.	Richa Malhotra	2	446.	Savithri Singh	2
341.	Prashanth	1	394.	Rituraj Phukan	3	447.	Sayali Ashar	1
342.	Prateek Choudhury	8	395.	Rohan Chakravarty	2	448.	Sayan	1
343.	Prathamesh Desai	1	396.	Rohan Modi	1	449.	Selvaganesh	2
344.	Pratibha Riswadkar	1	397.	Rohit Naniwadekar	40	450.	Sengo	1
345.	Pratik	1	398.	Romel Kumar	1	451.	Shadakshari SR	2
346.	Pratiksha Kothule	1	399.	Rudraksha Chodankar	2	452.	Shahul Hameed	1
347.	Preeth Khona	3	400.	Rupak Ghosh Dastidar	15	453.	Shaishav Jhaveri	1
348.	Priya Singh	14	401.	Russell	1	454.	Shamnadh	1
349.	Punit Mehta	5	402.	Rustam Bir Singh	1	455.	Shankar Ganesh M	1
350.	Pushpa Ausekar	1	403.	S Barnwal	4	456.	Shankar Thiyagarajan	1
351.	Pushpa Dukare	1	404.	S Suraj Kumar	1	457.	Sharabh Kaushal	2

458.	Shashank Birla	1
459.	Shashank Dalvi	3
460.	Shashank Kasare	1
461.	Shashank Rautela	1
462.	Shashwat Gupta	1
463.	Shaunak Modi	2
464.	Shekhar Bhujel	1
465.	Shilpi Varma	1
466.	Shirine Ahmed	3
467.	Shiva Kumar K K	2
468.	Shiva Narayan	1
469.	ShivaShankar M	4
470.	Shivendra Saklani	1
471.	Shravan Muppidi	1
472.	Shreejata Gupta	10
473.	Shreyo Sengupta	1
474.	Shruthi Hegde	2
475.	Shubham Arora	1
476.	Shweta Kumari	1
477.	Siddharth Rao	1
478.	Siddhartha Chatterjee	1
479.	Siddhesh Desai	1
480.	Silender Singh	1
481.	Simi Biju	1
482.	Siva	1
483.	Smita Prabhakar	3
484.	Smitha	1
485.	Snehal Shirke	1
486.	Soujanya Bhadra	1
487.	Soumya Prasad	2
488.	Soumya Sengupta	1
489.	Soumyajit Nandy	4
490.	Sourajit Ghosh	2
491.	Sourav Mondal	9
492.	Sourendu Gupta	3
493.	Sreekumar Aniyappan	1
494.	Sridhar	1
495.	Sridharan	2
496.	Srikanth B Bhat	1
497.	Srikanth Parthasarathy	4
498.	Srikanth Shenoy	1
499.	Srikanth V	1
500.	Srikrishna Das	1
501.	Subhajit Chaudhuri	7
502.	Subharghya Das	1
503.	Subin Sudheendran	2
504.	Subrata Dey	5
505.	Sucheta Potnis	1
506.	Sudheer Joshi	1
507.	Sudhir Katiyar	1
508.	Sudhir Kumar	1
509.	Sudhir Reddy	1
510.	Sudip Datta	1

511.	Sujatha Rangaswami	1
512.	Sukalpa Chakrabarti	1
513.	Sunando Sen	1
514.	Supriyo Ghatak	1
515.	Suraj Shah	1
516.	Suru Nair	3
517.	Suryya Kumar Chetia	1
518.	Sutirtha Lahiri	1
519.	Suvarna Dattatray Ketkar	1
520.	Swaminathan	1
521.	Swapnil Thatte	1
522.	Swarna V	3
523.	Swastiga Jayaprakash	1
524.	Swati	2
525.	Swati K	5
526.	Taej Mundkur	1
527.	Tamaghna Sengupta	21
528.	Tanya Seshadri	1
529.	Tapas Chattopadhyay	1
530.	Tapash Roy	1
531.	Tarun Menon	1
532.	Thomas Job	1
533.	Timmanna Bhat	1
534.	Tony Abraham Thomas	1
535.	Uday Kiran	1
536.	Uday Wandkar	19
537.	Udayan Borthakur	5
538.	Udayan Borthakut	1
539.	Udayan Sharma	1
540.	Umesh Vaghela	4
541.	Ushma Shukla	9
542.	Utkarsh Tambe	1
543.	Uttam Mahatha	1
544.	V Sudarshan	2
545.	Vaidehi	1
546.	Varun Mahaajan	1
547.	Varun Narain Mathur	3
548.	Venkat	1
549.	Venkataraman s	8
550.	Venkatesh VT VT	1
551.	Venu Parameshwar	1
552.	Vidya Athreya	1
553.	Vidya Charan	1
554.	Vidya Todankar	1
555.	Vidya Venkatesh	1
556.	Vijay Anand Ismavel	6
557.	Vijay Ganapathy	2
558.	Vijayalaxmi R Bhat	2
559.	Vijayendra Suryawanshi	1
560.	Vikas Raikwar	1
561.	Vikram	1
562.	Vikram Kulkarni	1
563.	Vikram Sathyanathan	7

564.	Vimalendu Verma	1
565.	Vinatha	1
566.	Vinay Das	4
567.	Vinay Nadig	1
568.	Vineeta	1
569.	Vinod Bartakke	1
570.	Vinodh Valluri	2
571.	Vinodh Venugopal	2
572.	Vinoto Rochill	2
573.	Vinu Varghese	1
574.	Viral Mistry	1
575.	Virendra Vinayak Kambli	1
576.	Vishal Acharya	1
577.	Vishnupriya Hathwar	1
578.	Vivek	1
579.	Wesley Rajaleelan	1
580.	Wg Cdr Vijay K Sethi	1
581.	Zainab Nazar	1

Hornbill Watch records

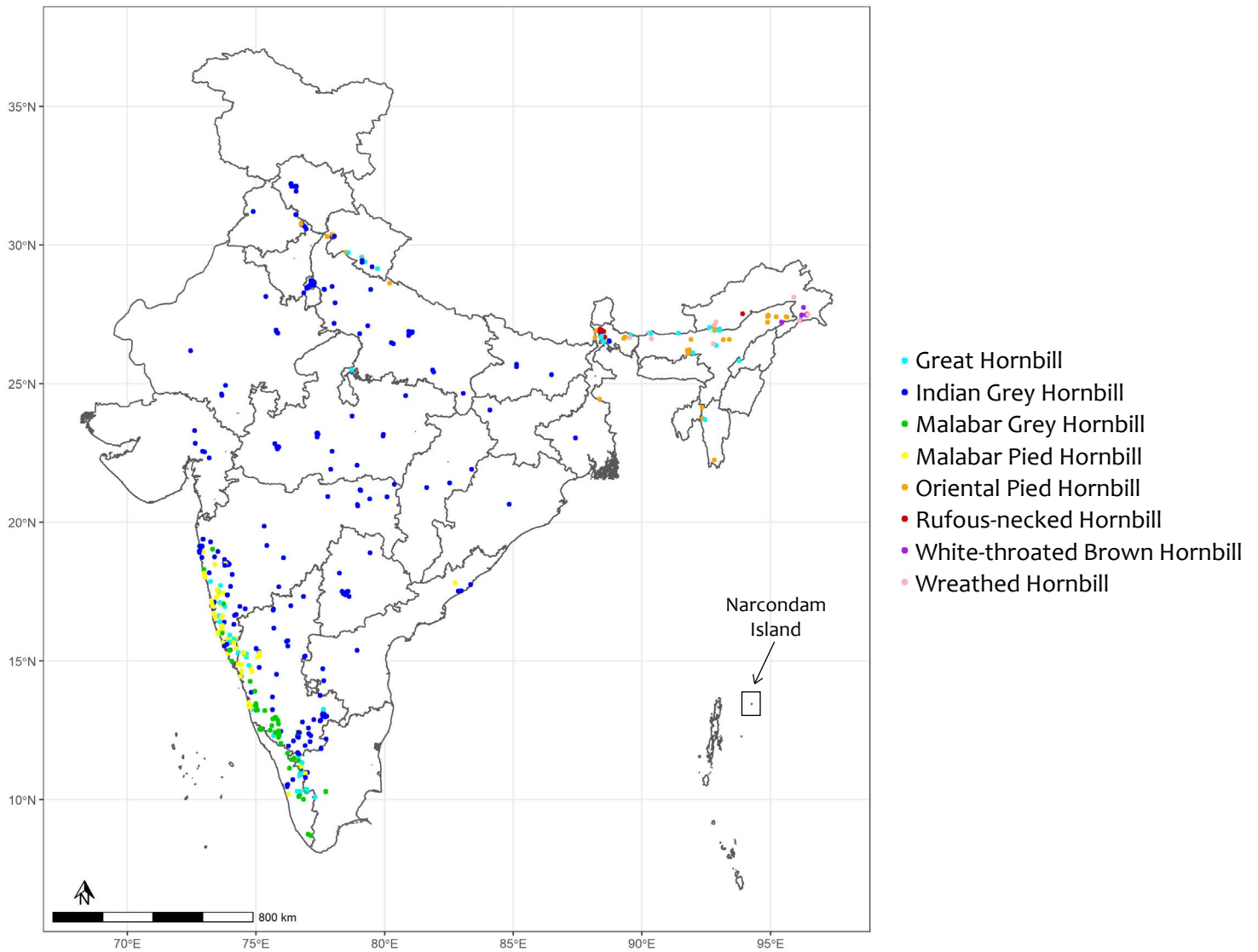


Fig 1: Map of India showing the Hornbill Watch sighting records for eight hornbill species in India. Sightings of the Narcondam hornbill were not represented on this map, but we have 19 records of the species.



Great Hornbill ©Tamaghna Sengupta,
Buxa TR, West Bengal.



Wreathed Hornbill ©Anjana Bhargava,
Kaziranga NP, Assam.



Oriental Pied Hornbill
©Arijit Mahata,
West Bengal.



Indian Grey Hornbill
©Basanta Kumar Behura,
Bhitarkanika NP, Odisha.



White-throated Brown Hornbill
©Pranjal J. Saikia,
Assam.



Malabar Grey Hornbill ©Ashwin Dev,
Kerala.



Malabar Pied Hornbill ©Kaustubh Mulay,
Pench TR, Madhya Pradesh.



Narcondam Hornbill ©Asad Rahmani,
Narcondam Island.



Rufous-necked Hornbill ©Megh Roy
Choudhury, West Bengal.

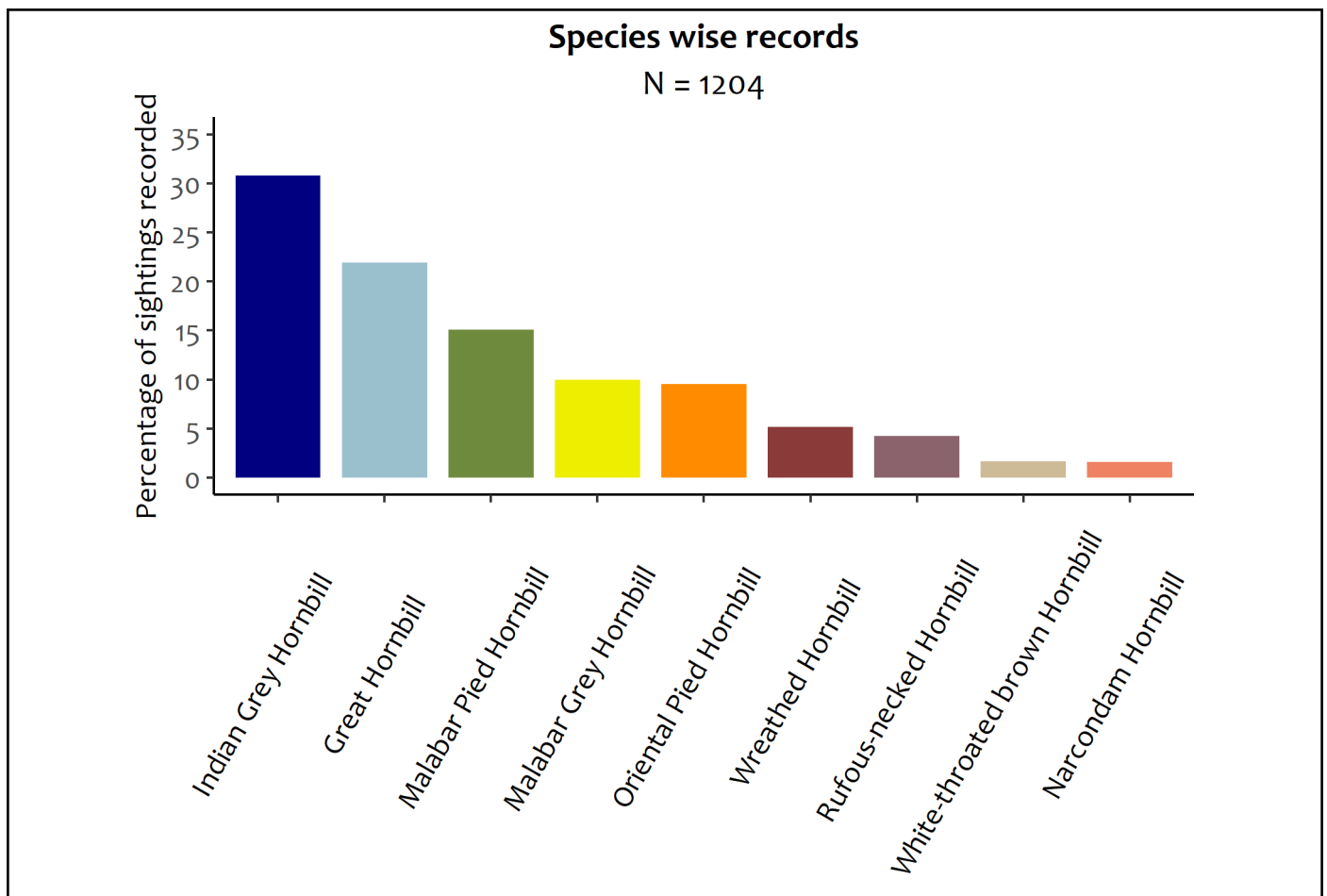


Fig 2: Percentage reports of the nine different hornbill species from across India between January 2000 and June 2020.



Indian Grey Hornbill ©Radha Rangarajan, Karnataka.

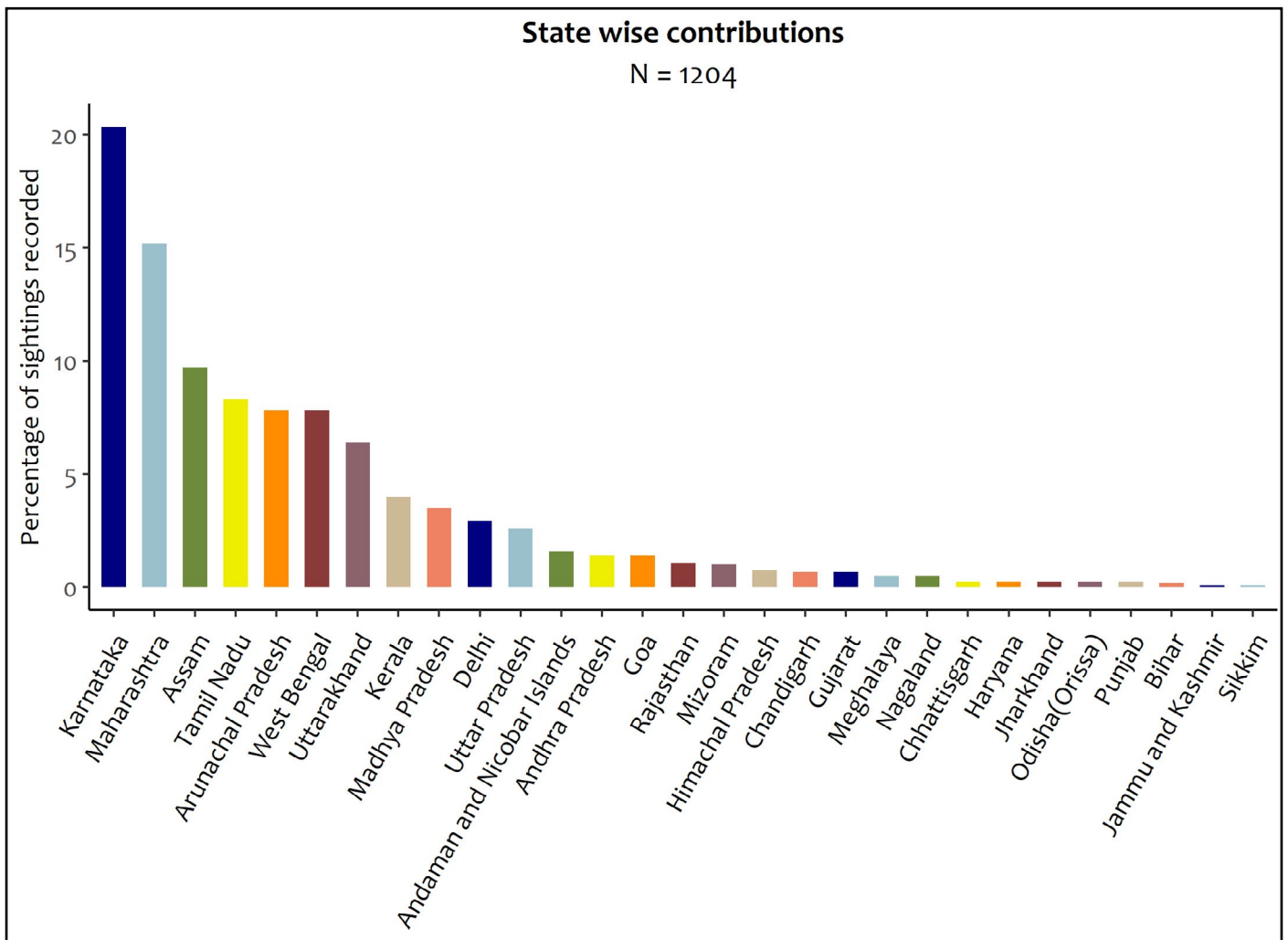
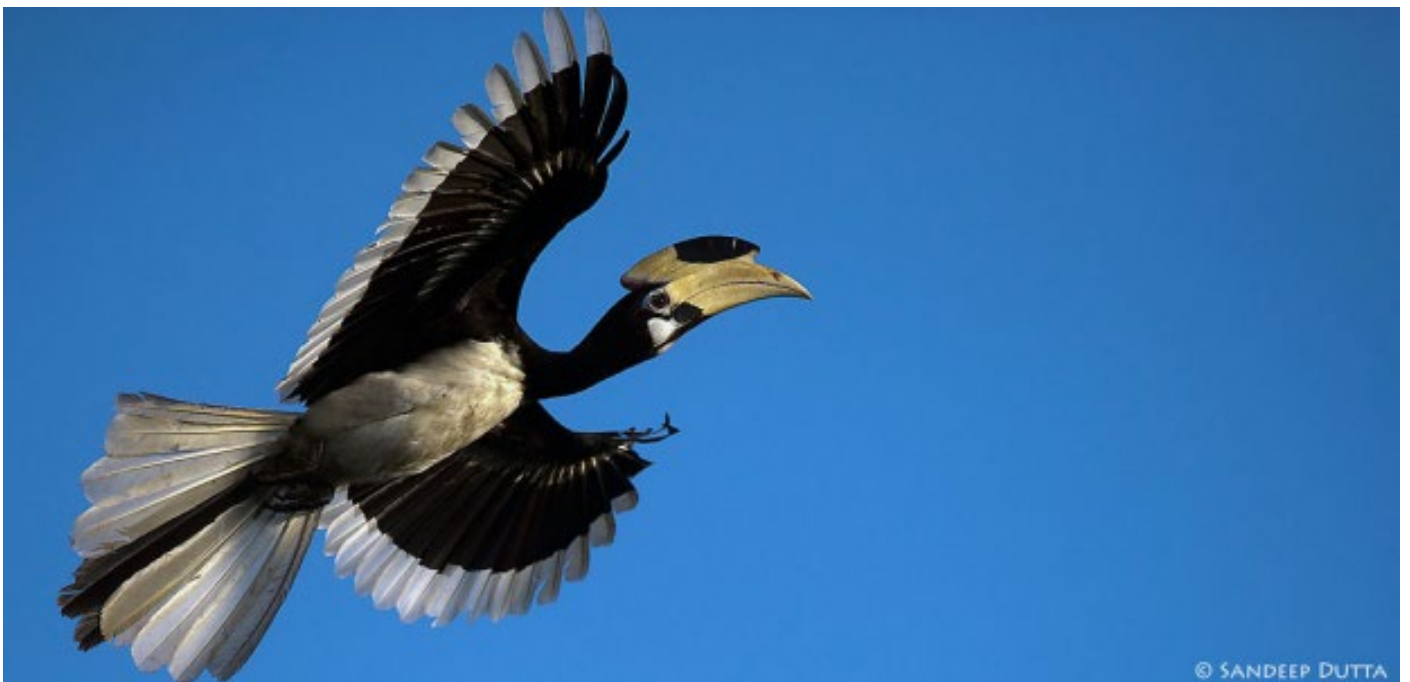


Fig 3: Percentage reports of hornbills from different states and union territories of India.



Malabar Pied Hornbill ©Sandeep Dutta, Dandeli WLS, Karnataka.

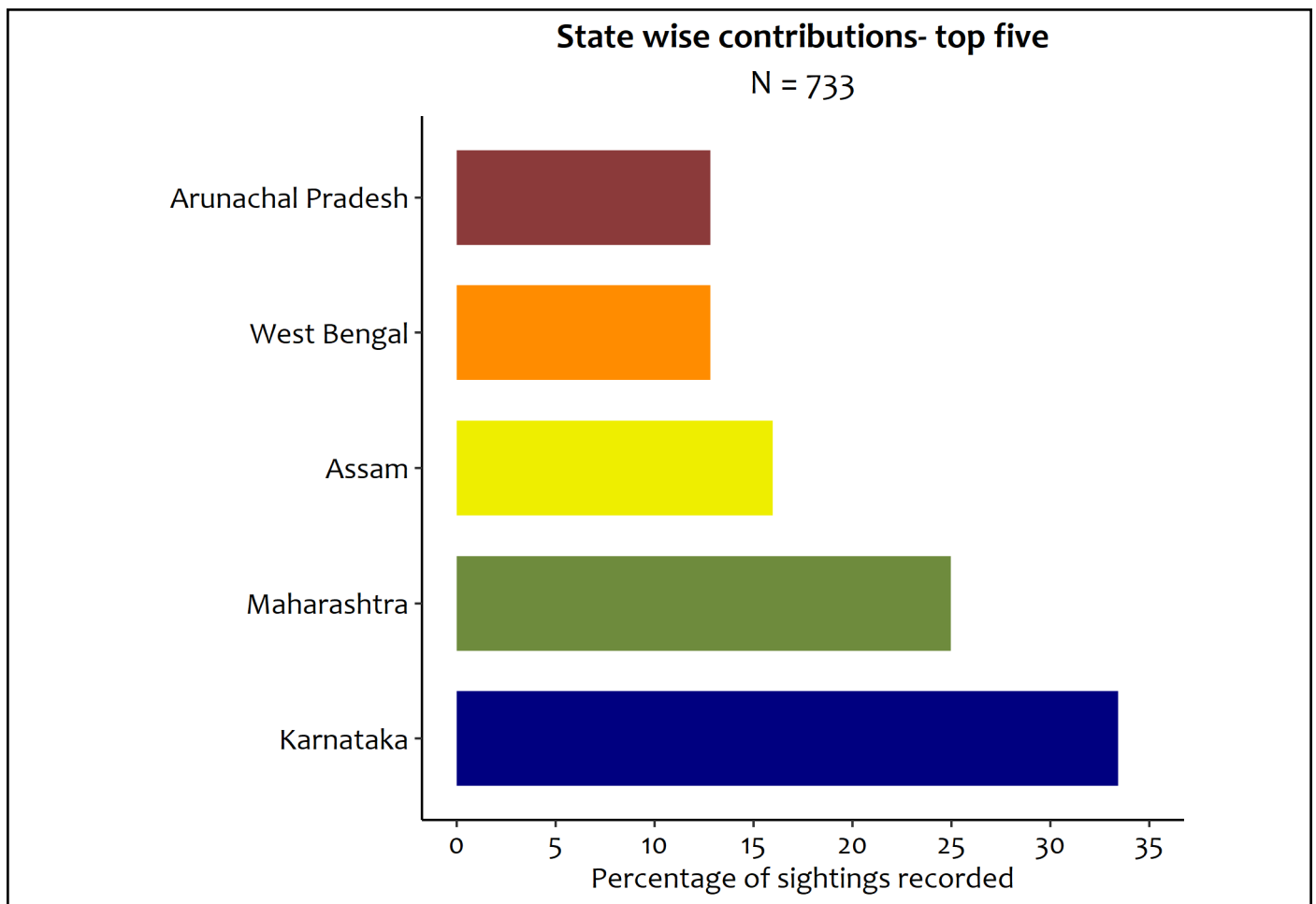


Fig 4: Percentage reports of hornbills from top five states in India.



Rufous-necked Hornbill ©Rupak Ghosh Dastidar, Mahananda WLS, West Bengal.

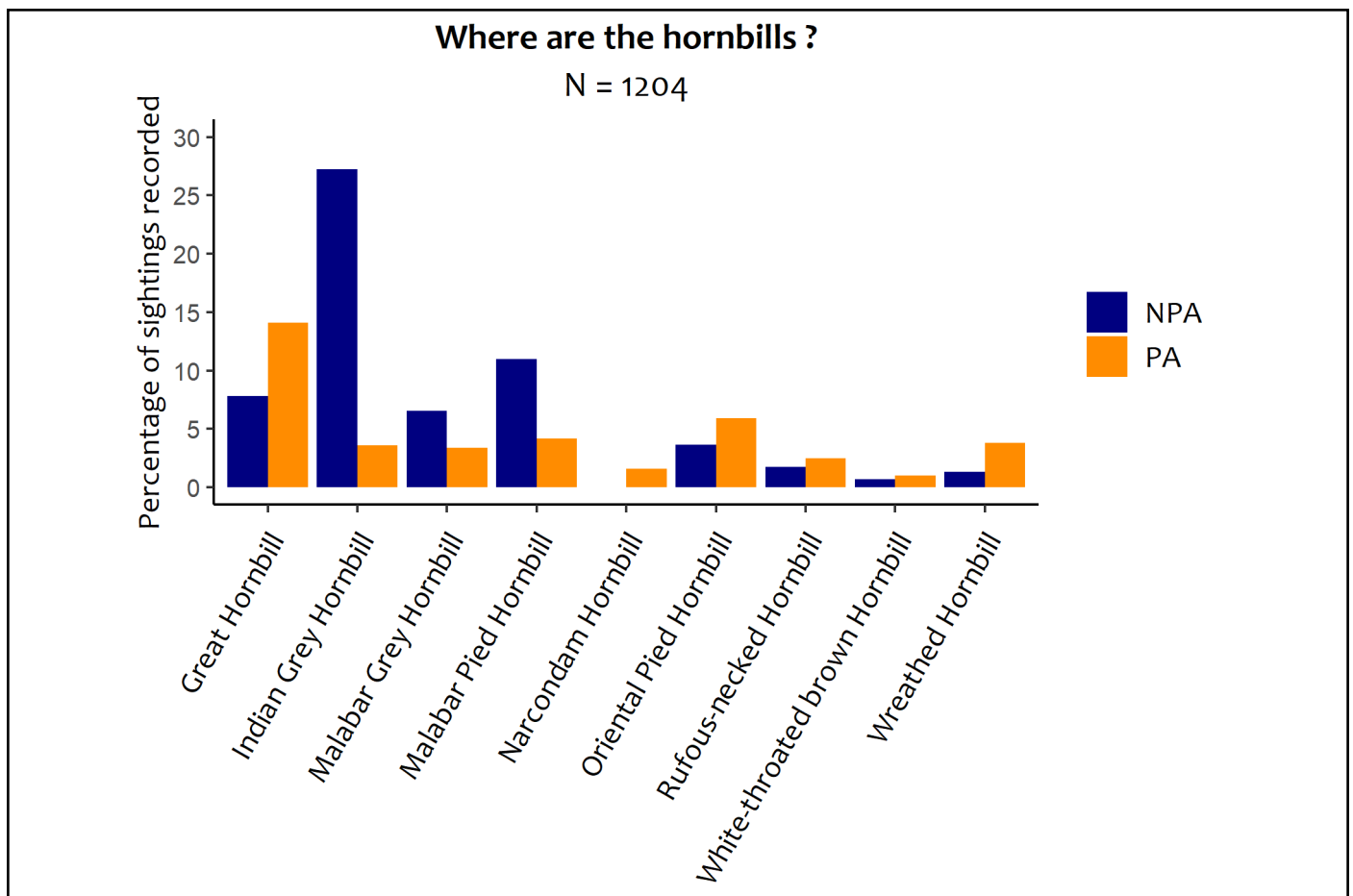


Fig 5: Percentage reports of the nine hornbill species from inside and outside Protected Areas (PAs).



Oriental Pied Hornbill ©Udayan Borthakur, Kaziranga NP, Assam.

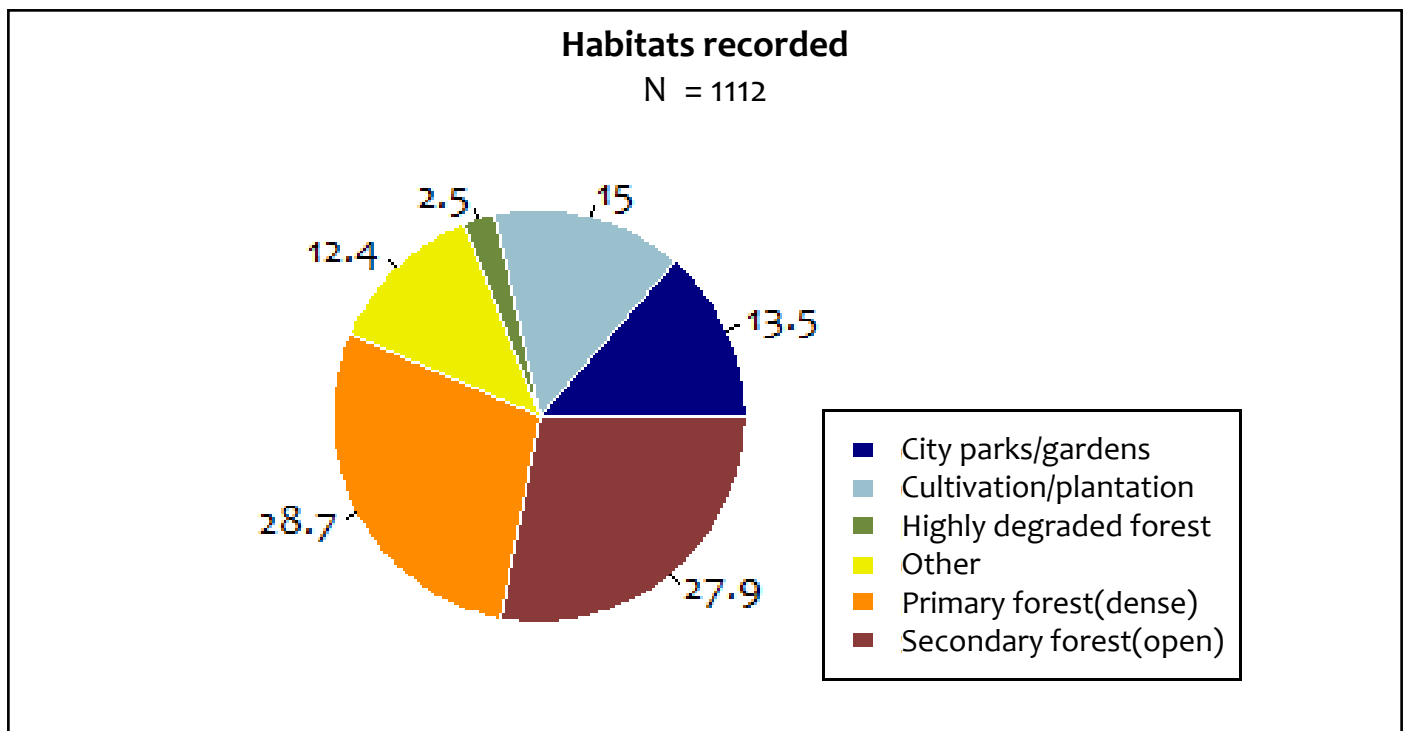


Fig 6: Percentage reports of hornbills from different habitat types (observations with ‘unknown’ habitat types were excluded).



White-throated Brown Hornbill ©Ramki Sreenivasan, Arunachal Pradesh.

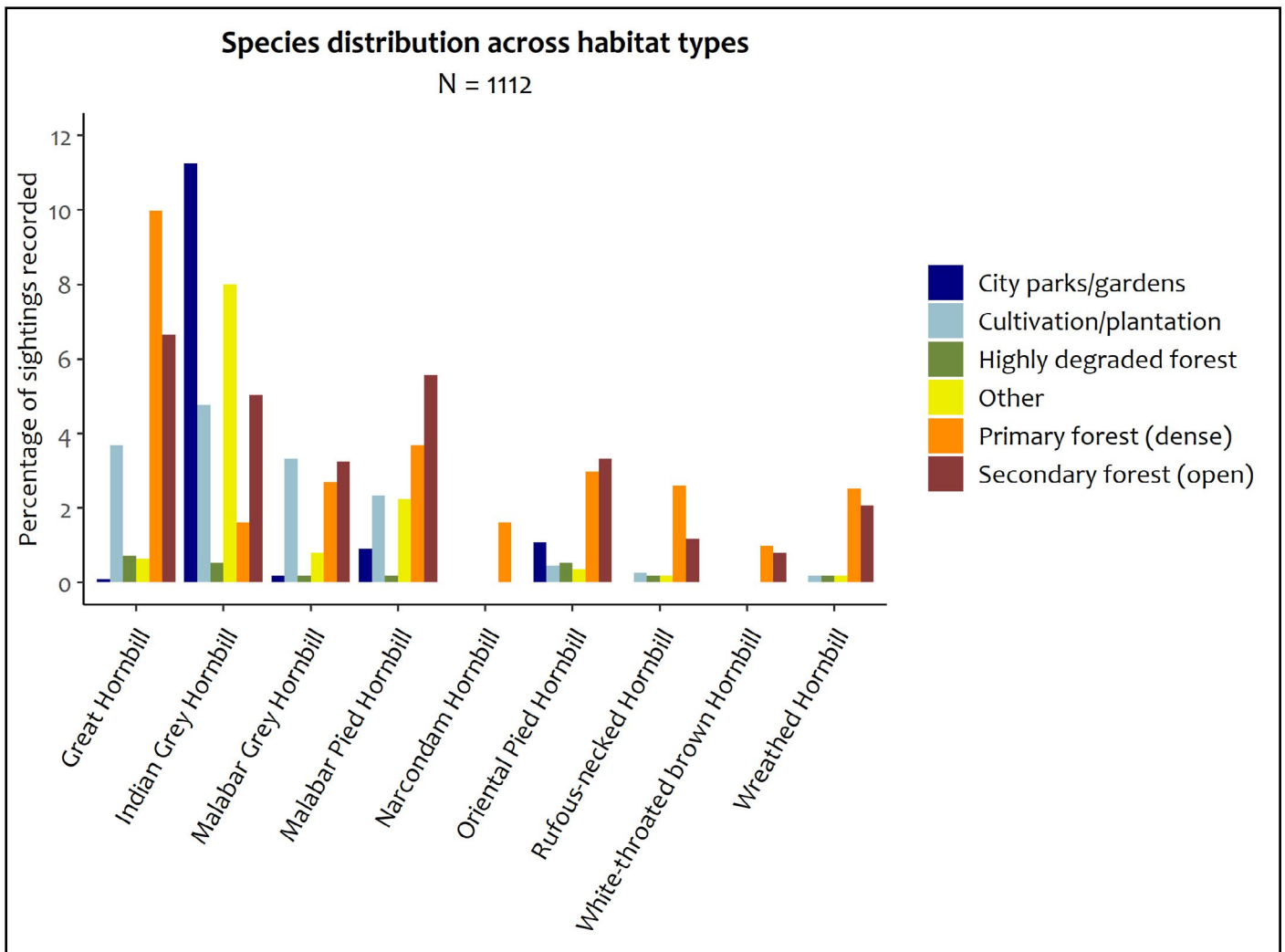


Fig 7: Percentage reports of the nine hornbill species from five habitat types (observations with 'unknown' habitat types were excluded).



Great Hornbill ©Prakash Ramakrishnan, Tamil Nadu.

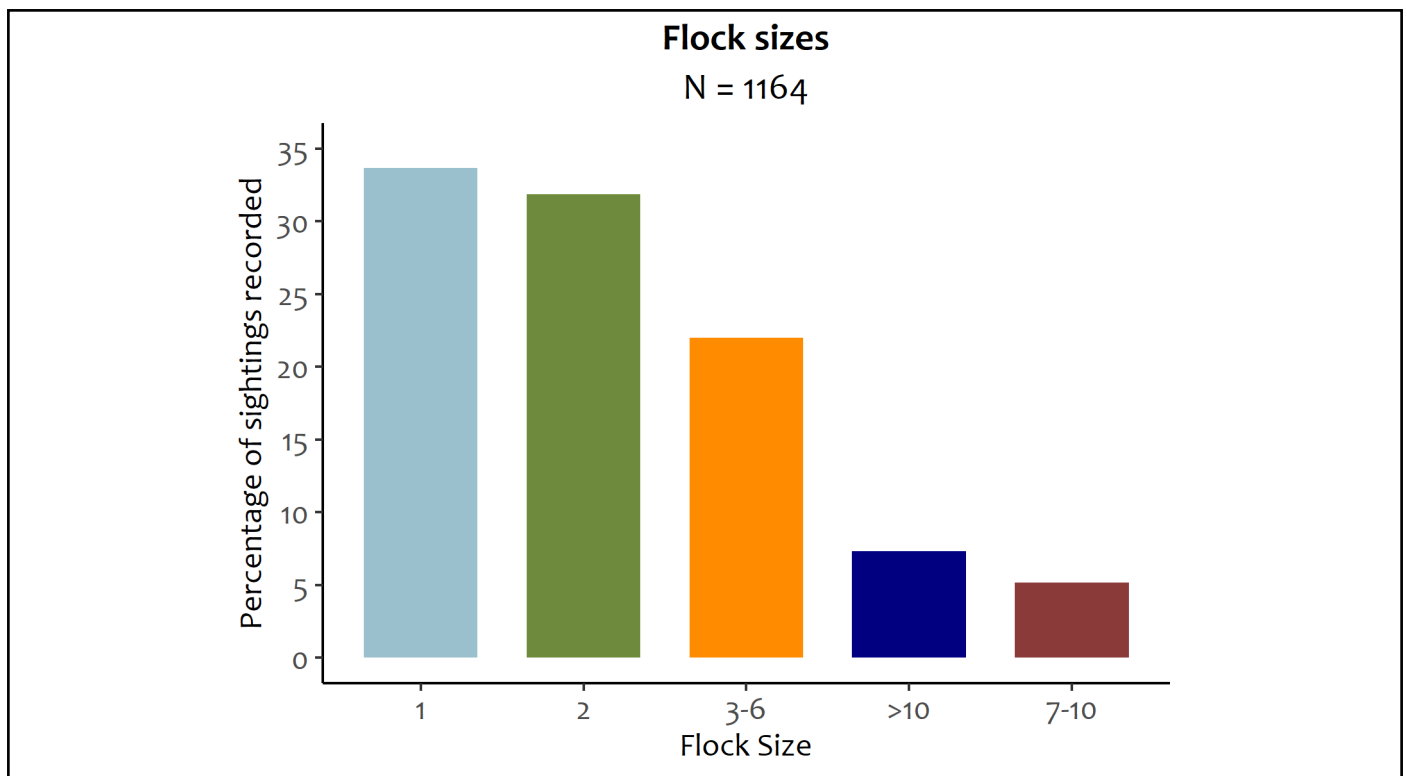


Fig 8: Percentage reports of various flock sizes classes (observations with no mentioned flock size were excluded).



Indian Grey Hornbill pair ©Mousumi Chakraborty, Madhya Pradesh.

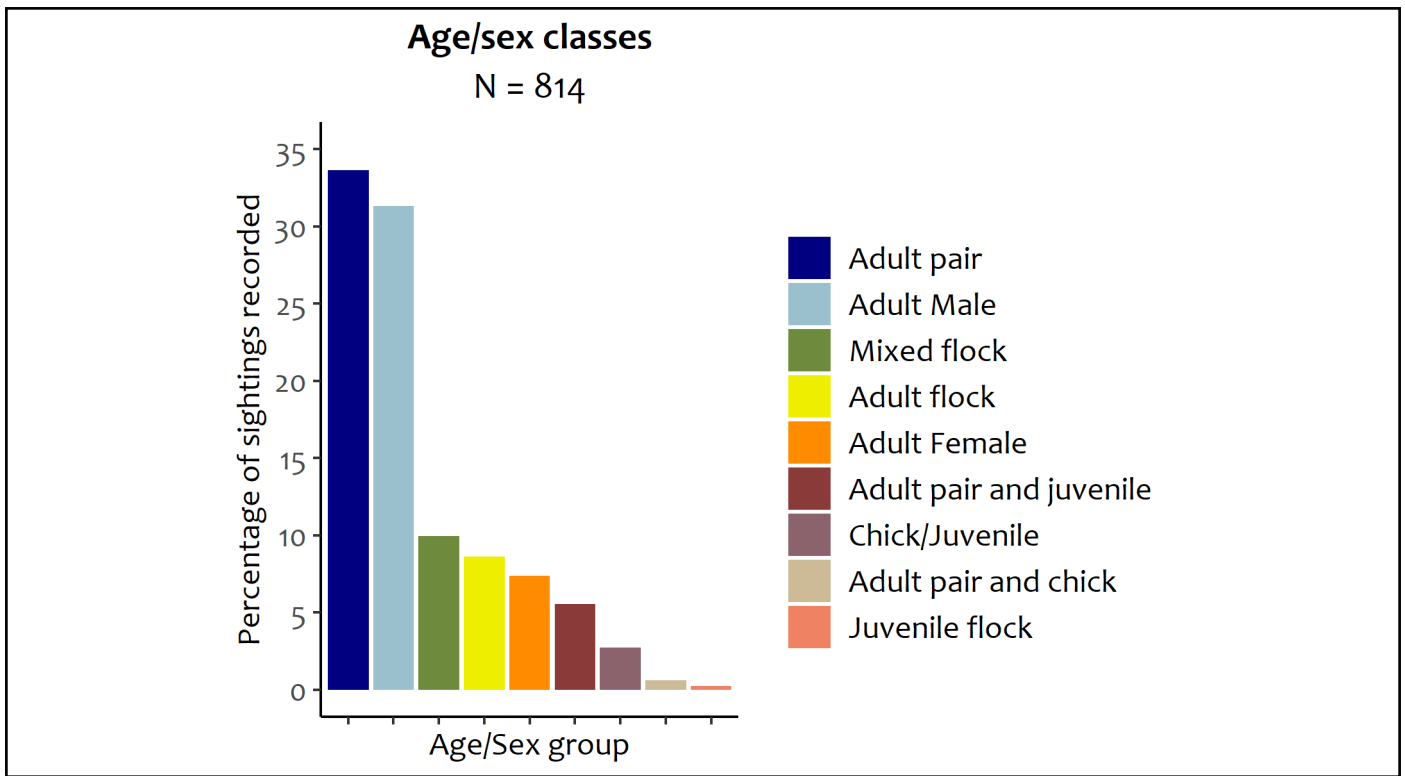


Fig 9: Percentage reports from various age and sex classes (observations with no age/sex reported were excluded).



Adult pair and juvenile Malabar Pied Hornbill ©Hari Somashekar, Karnataka.

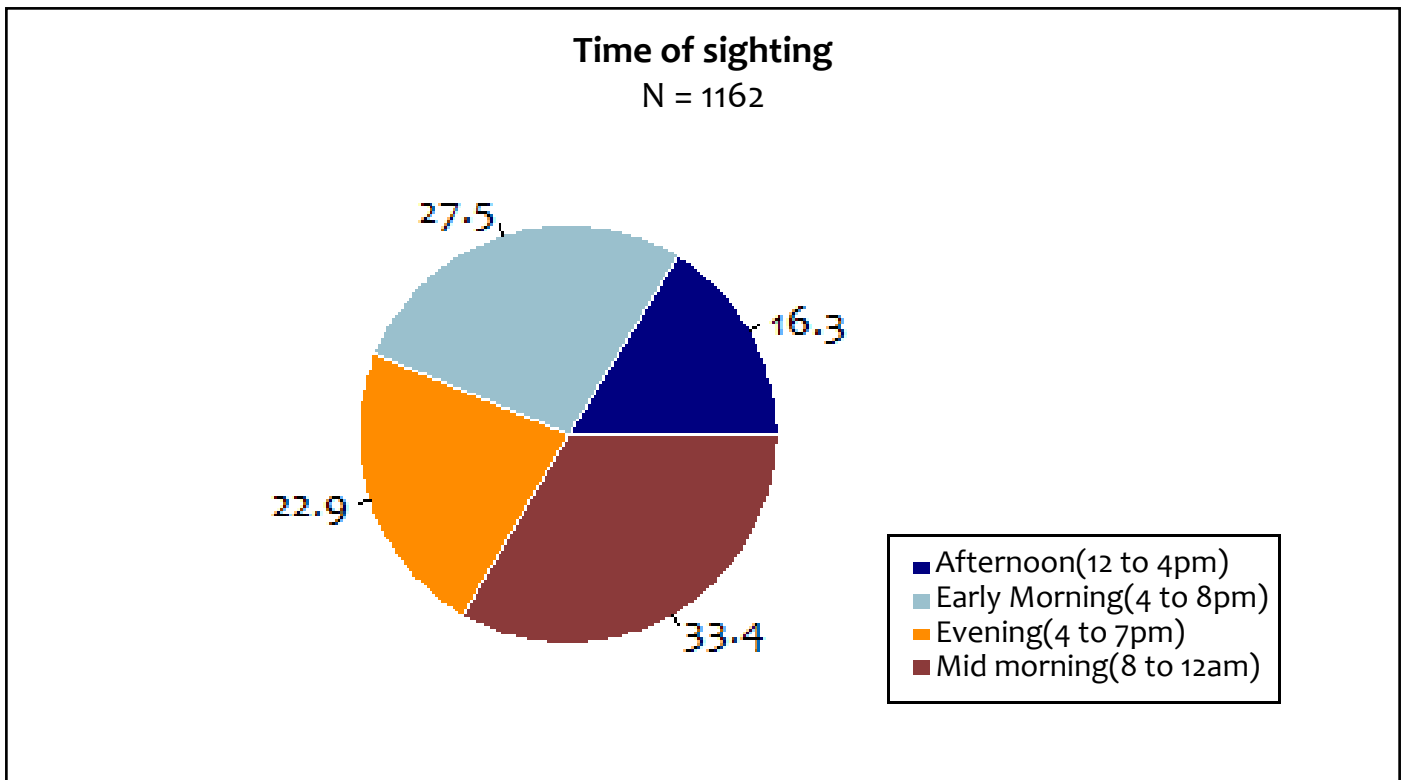


Fig 10: Percentage reports of hornbill sightings from different times of the day (observations with no time of sighting mentioned were excluded).



Oriental Pied Hornbill ©Uttam Mahatha, Bherjan Borajan Padumoni WLS, Assam.

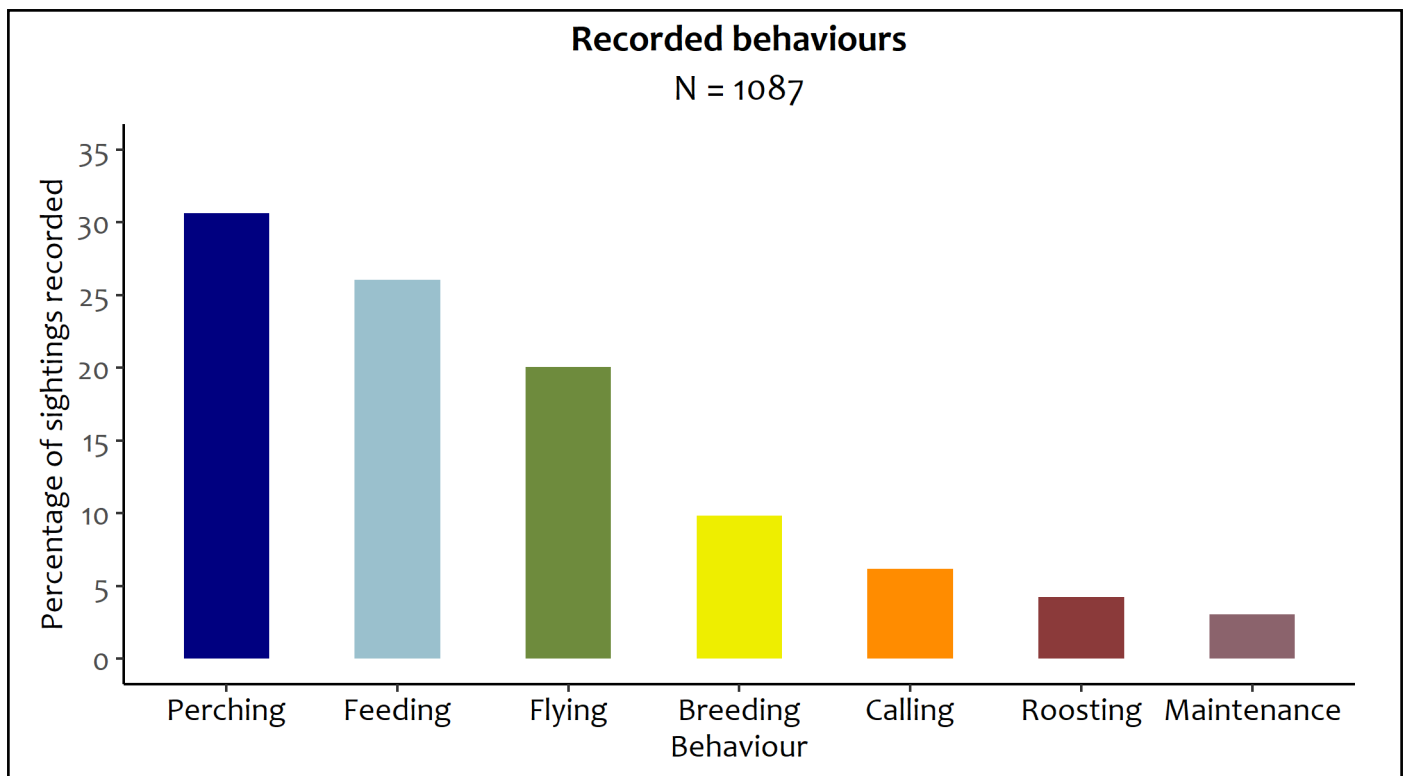


Fig 11: Percentage reports with different behaviours recorded (observations with 'other' or 'unknown' behaviour were excluded).



Malabar Pied Hornbill ©Gopi, Karnataka.

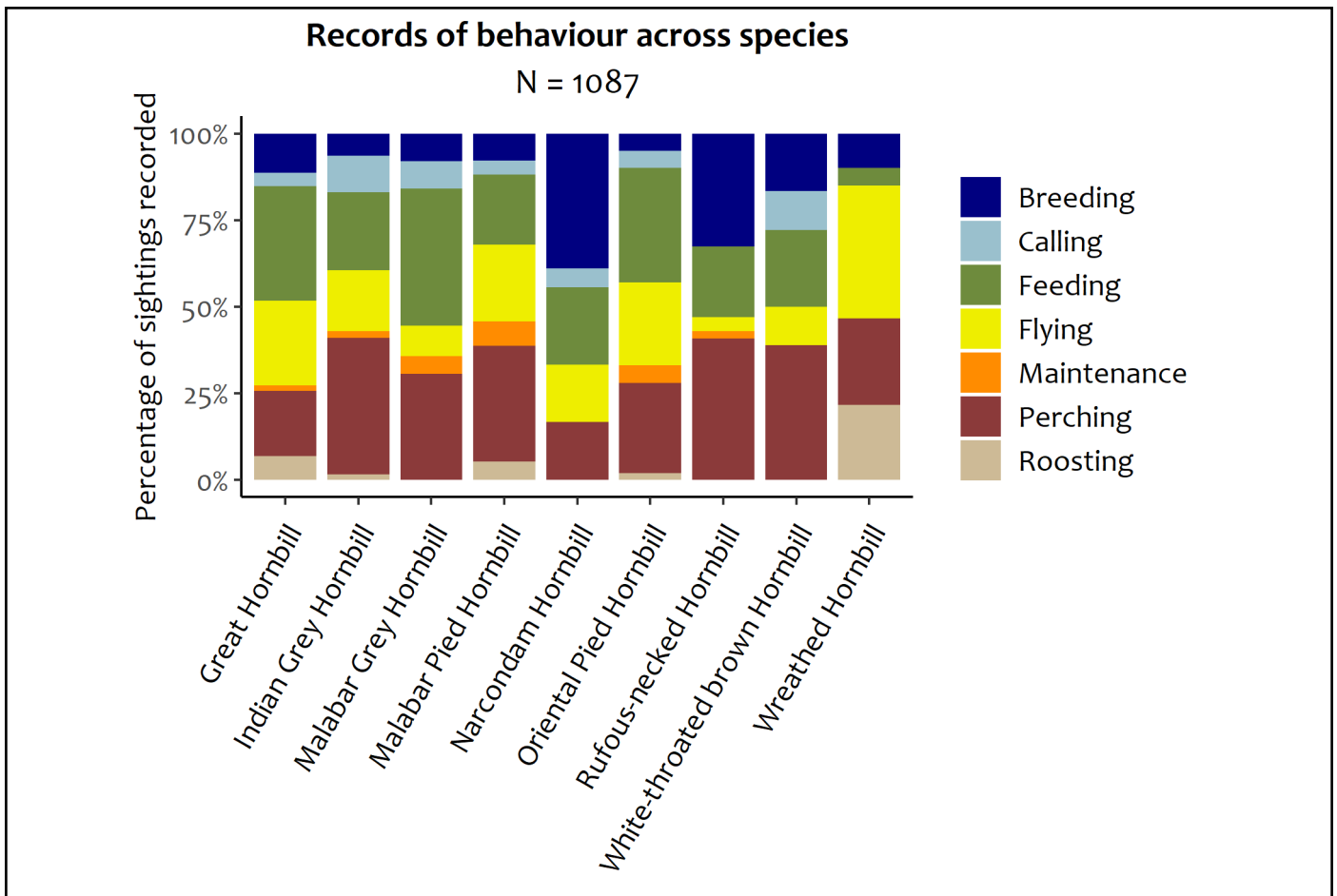


Fig 12: Percentage reports of different behaviours for each of the nine hornbill species (observations with 'other' or 'unknown' behaviour were excluded).



Great Hornbill ©Nara Simhan, Anamalai TR, Tamil Nadu.

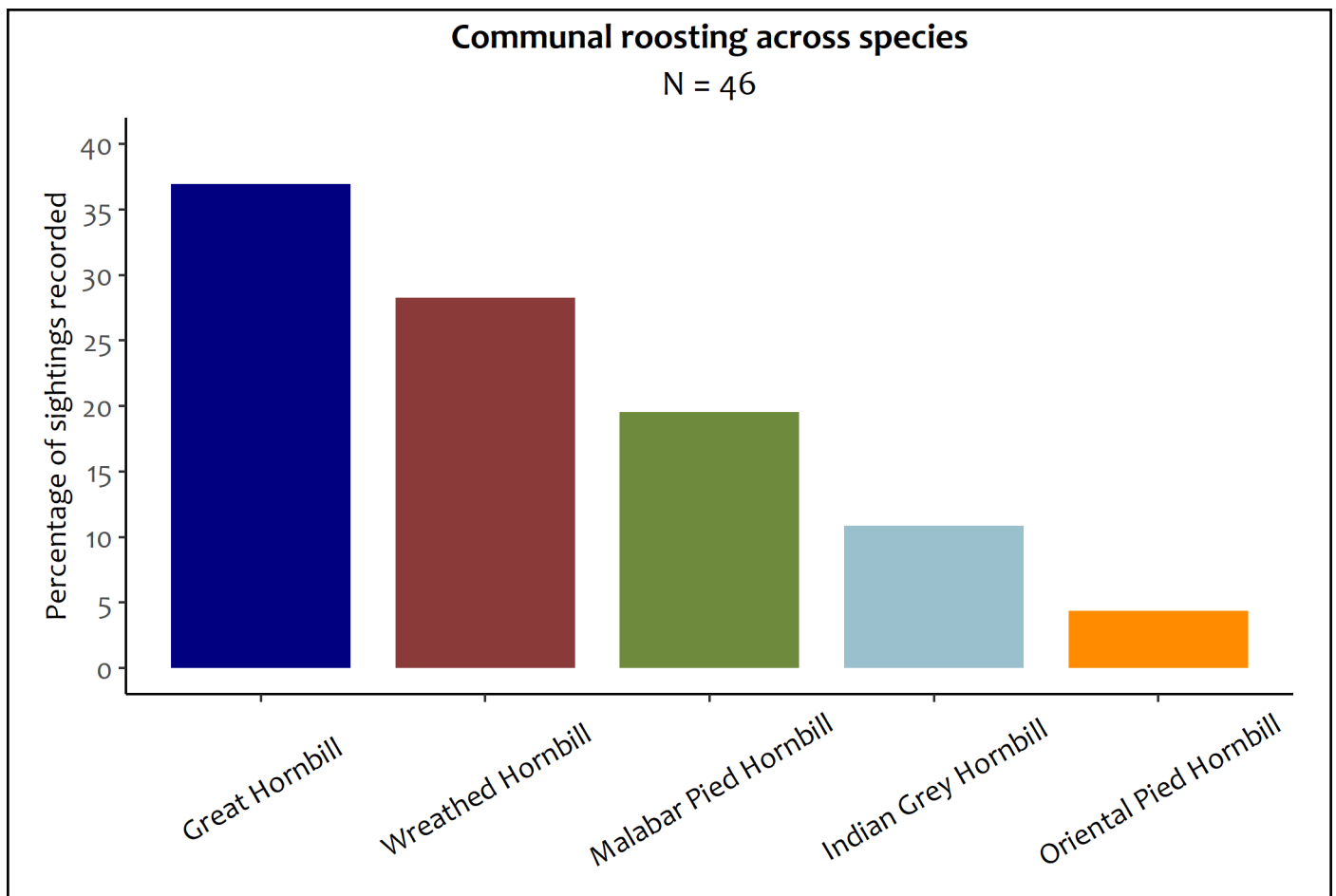


Fig 13: Percentage reports of communal roosting for five hornbill species (hornbill species which did not have any communal roosting reports were not included).



Wreathed Hornbill roost ©Aparajita Datta, Arunachal Pradesh.

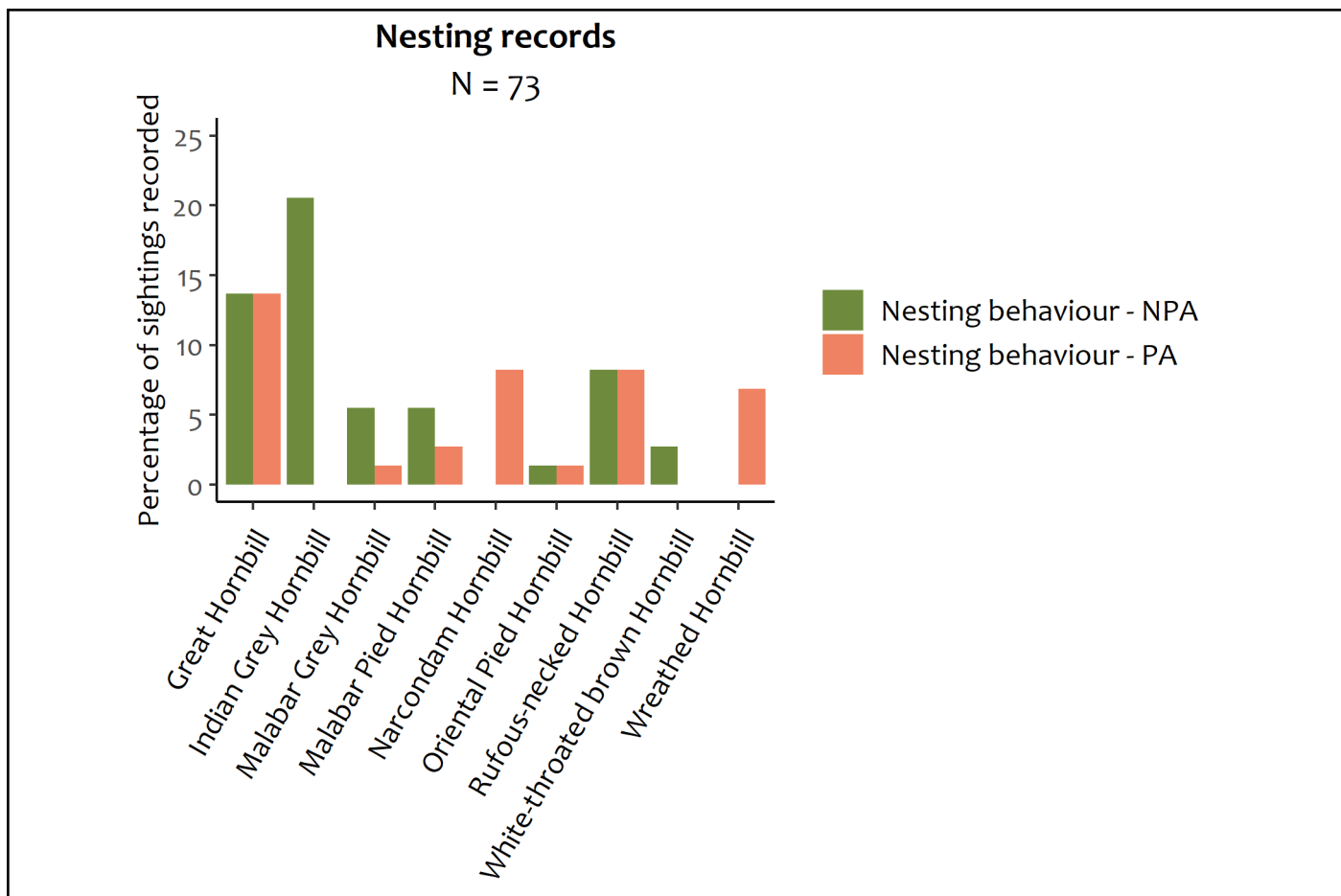


Fig 14: Percentage reports of nesting of the nine hornbill species from inside and outside Protected Areas (PAs).



Wreathed Hornbill male at the nest ©Samyak Kaninde, Pakke TR, Arunachal Pradesh.

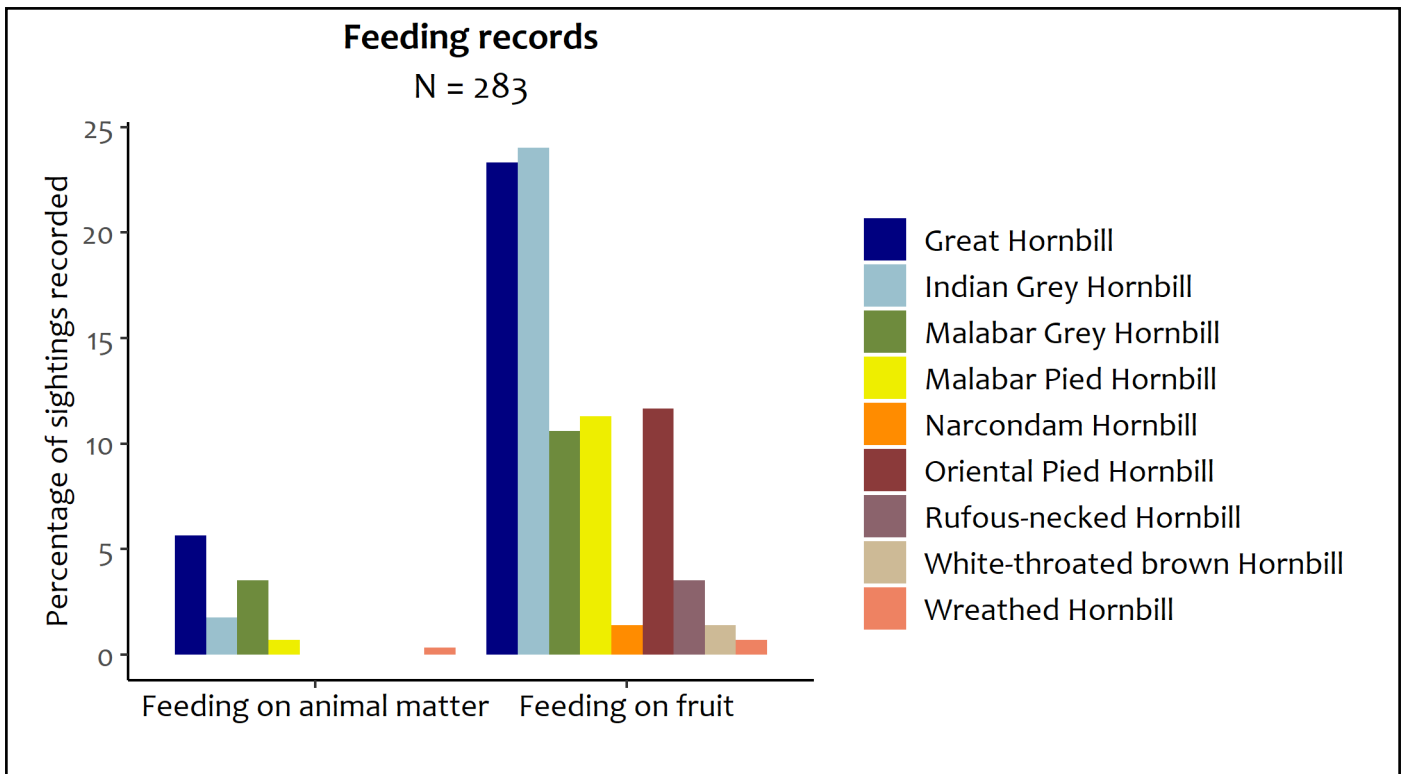


Fig 15: Percentage reports of nine hornbill species classified according to their feeding records on food types (fruit or animal matter).



Narcondam Hornbill feeding on fruit ©Dhritiman Mukherjee, Narcondam Island WLS, Andaman and Nicobar Islands.