

# 15th Singapore Raptor Watch Report

Autumn 2022 Migration – 6 Nov 2022

compiled by TAN Gim Cheong



*Pied Harrier, at Tuas South Link 4, 6 Nov 2022, by Tan Gim Cheong*

As the scheduled date for the 15th Singapore raptor watch was rained out, a count was organized the next day, albeit for a shorter 4-hour duration. The exception was Telok Blangah Hill Park which was counted on 10 Nov 2022, and the team at Tuas View Drive soldiered on in the rain on the original date.

The numbers counted at each site varied from a high of 181 to a low of 17 birds. A total of 450 raptors were counted, including 364 raptors representing 10 migrant species and 68 raptors of 7 resident species. A further 18 raptors could not be identified to species level.

**Summary:**    **Number of raptors - 450**

- 364 migrant raptors.
- 68 resident raptors.
- 18 un-identified raptors.

**Number of species - 17**

- 10 migrant species.
- 7 resident species.

Our usual sites are Tuas South, Jurong Lake Garden, Kent Ridge Park, Telok Blangah Hill Park, Lorong Halus Wetlands, and Puaka Hill, Pulau Ubin – thanks to all the site leaders for their faithful support!



Figure 1 : 2022 Raptor Watch Sites. (source of basemap – maps.google.com.sg)



*Alan OwYong and his team of raptor watchers at Kent Ridge Park, 6 Nov 2022.*

The highest number of raptors recorded was at Jurong Lake Garden (181 birds), followed by Puaka Hill, Ubin (65 birds) and Telok Blangah Hill Park (54 birds).

<b>SITE</b>	Tuas South Link 4	Jurong Lake Gdn	Kent Ridge Park	Telok Blangah Hill Park	Halus Wetlands	Ubin Puaka Hill	Tuas View Dr	<b>Grand Total</b>
<b>SITE TOTAL</b>	<b>34</b>	<b>181</b>	<b>49</b>	<b>54</b>	<b>50</b>	<b>65</b>	<b>17</b>	<b>450</b>

*Figure 2 : Total count by Site*

The figure below provides a snapshot of the number of raptors according to the three categories - migrant, un-identified & resident raptors, at the sites. Jurong Lake Garden had the most number of migrant raptors (171), followed by Telok Blangah Hill Park (47), and Puaka Hill, Ubin (41).

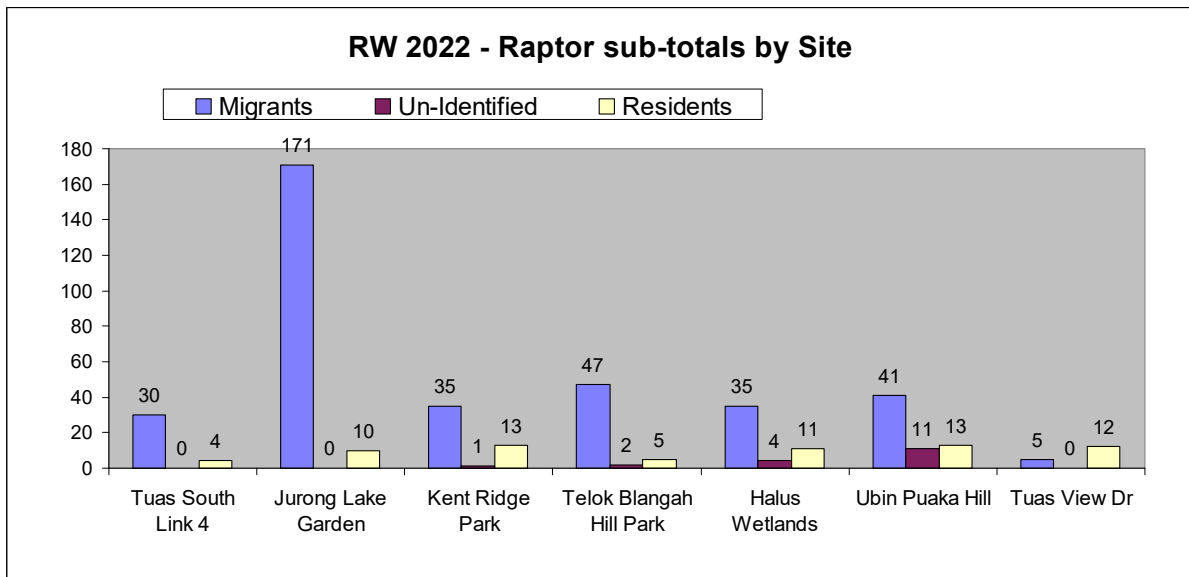


Figure 3 : Raptor Sub-totals by Category by Site

There was an average of four migrant species and three resident species across the sites.

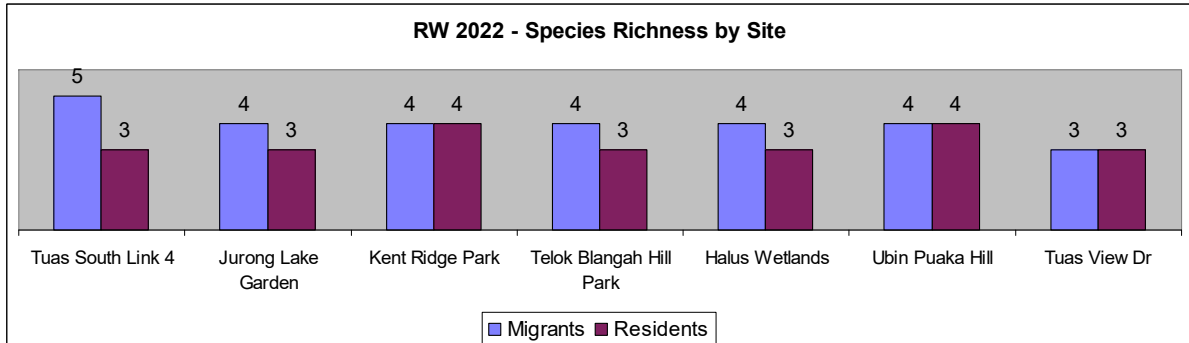


Figure 4 : Species Richness by Site

The **Oriental Honey Buzzard** was the most numerous raptor with 269 birds counted. The largest number of OHB was at Jurong Lake Garden (126 birds). The **Japanese Sparrowhawk** was second with a total of 49 birds, and it was the only species that was present at all the sites.

A total of 34 **Black Bazas** were recorded at four sites, the bulk (25 birds) was at Jurong Lake Garden. There were three **Chinese Sparrowhawks**, three **Eastern Marsh Harriers** (all at Tuas), and two **Peregrine falcons**.

The only **Pied Harrier** was recorded at Tuas South Link 4, the only **Greater Spotted Eagle** at Kent Ridge Park, the only **Western Osprey** at Lorong Halus Wetlands, and the only **Jerdon's Baza** at Puaka Hill, Pulau Ubin.

S/N	Species (Migrants)	Count
1	Oriental Honey Buzzard <i>Pernis ptilorhyncus</i>	269
2	Japanese Sparrowhawk <i>Accipiter gularis</i>	49
3	Black Baza <i>Aviceda leuphotes</i>	34
4	Chinese Sparrowhawk <i>Accipiter soloensis</i>	3
5	Eastern Marsh Harrier <i>Circus spilonotus</i>	3
6	Peregrine Falcon <i>Falco peregrinus</i>	2
7	Jerdon's Baza <i>Aviceda jerdoni</i>	1
8	Pied Harrier <i>Circus melanoleucos</i>	1
9	Greater Spotted Eagle <i>Clanga clanga</i>	1
10	Western Osprey <i>Pandion haliaetus</i>	1
	<b>Total Migrant Raptors</b>	<b>364</b>
1	Un-identified <i>Accipiter</i>	13
2	Un-identified Raptor	5
	<b>Total Unidentified Raptors</b>	<b>18</b>

Figure 5 : Migrant and Unidentified Raptors Counted

The resident species comprised 25 **White-bellied Sea Eagles**, 21 **Brahminy Kites**, 8 **Changeable Hawk Eagles**, 5 **Black-winged Kites**, 5 **Crested Serpent Eagles**, 2 **Grey-headed Fish Eagles**, and 2 **Crested Goshawks**.

S/N	Species (Residents)	Count
1	White-bellied Sea Eagle <i>Haliaeetus leucogaster</i>	25
2	Brahminy Kite <i>Haliastur indus</i>	21
3	Changeable Hawk Eagle <i>Nisaetus cirrhatus</i>	8
4	Black-winged Kite <i>Elanus caeruleus</i>	5
5	Crested Serpent Eagle <i>Spilornis cheela</i>	5
6	Grey-headed Fish Eagle <i>Haliaeetus ichthyaetus</i>	2
7	Crested Goshawk <i>Accipiter trivirgatus</i>	2
	<b>Total Count of Resident Raptors</b>	<b>68</b>

Figure 6 : Resident Raptors Counted

A complete breakdown of the species counted at each site is shown in the table below:

SITE	Tuas South Link 4	Jurong Lake Gdn	Kent Ridge Park	Telok Blangah Hill Park	Halus Wetlands	Ubin Puaka Hill	Tuas View Dr	Grand Total
<b>SITE TOTAL</b>	<b>34</b>	<b>181</b>	<b>49</b>	<b>54</b>	<b>50</b>	<b>65</b>	<b>17</b>	<b>450</b>
<b>Migrants = 364</b>								<b>Total</b>
Osprey					1			1
Black Baza		25	4	1	4			34
Jerdon's Baza						1		1
Oriental Honey Buzzard	22	129	20	40	28	30		269
Eastern Marsh Harrier	2						1	3
Pied Harrier	1							1
Chinese Sparrowhawk	1			1		1		3
Japanese Sparrowhawk	4	16	10	5	2	9	3	49
Greater Spotted Eagle			1					1
Peregrine Falcon		1					1	2
<b>Residents = 68</b>								
Black-winged Kite	1						4	5
Brahminy Kite	2	4	4		4	2	5	21
White-bellied Sea Eagle		4	5	2	5	6	3	25
Grey-headed Fish Eagle					2			2
Crested Serpent Eagle			1	1		3		5
Crested Goshawk		2				0		2
Changeable Hawk Eagle	1		3	2		2		8
<b>Un-identified = 18</b>								
Unid. Accipiter			1	2	4	6		13
Unid. Raptor						5		5

Figure 7 : Raptor numbers by Site and break down of Species

Thanks to all the 31 people - site leaders, NParks staff, volunteers, for spending their time out in the open to count raptors:

Alan OwYong	John Spencer	Quen Fong Hsieh
Andy Bell	Kurade Bhagwant	Richard and Geoff Sanders
Bey Swee Hua	Lai Choo	Rupesh
Chee Yuhan and Family	Lee Ee Ling	Shalini
Chong Eng Keong	Lim Lee Lee	Steven Lee
Clarissa Kay.	Lioe	Susan Knight
Jacky Soh	Low Choon How	Tan Gim Cheong
Jeff Obbard	Martti Siponen	Tan Kok Hui
Jennifer Conceicao	Max Obbard	Wilson Wei-Hsien LAU