**Asian Waterbird Census – Southeast Asia 2019 Guidance And Forms**

**BACKGROUND**

The Asian Waterbird Census (AWC) is an international programme that focuses on monitoring the status of waterbirds and wetlands. It also aims to increase public awareness on issues related to wetland and waterbird conservation. The census is carried out each January as a voluntary activity at national and local level. The AWC is co-ordinated by Wetlands International as part of global programme, the “International Waterbird Census”. In each country, the AWC is coordinated by a national coordinator, who is either with a NGO or government (contacts details on IWC website https://bit.ly/2PhySLb). The census has three major objectives:

1. to obtain information on an annual basis of waterbird populations at wetlands in the region during the non-breeding period of most species (January), as a basis for evaluation of sites and monitoring of populations

2. to monitor on an annual basis the status and condition of wetlands

3. to encourage greater interest in waterbirds and wetlands amongst people, and thereby promote the conservation of wetlands and waterbirds in the region.

Data collected for the AWC is being used to provide information on wetlands and waterbirds and to encourage local or national conservation measures for important wetlands. The census is primarily carried out by volunteers from all walks of life: university and school staff and students, nature club members, amateur and professional ornithologists, government and non-governmental agencies and others. Sites covered include rivers, lakes, reservoirs, tanks, swamps, coastal sites, mangrove and mudflats, reefs, sandy beaches, etc. All species of waterbirds associated with wetlands are entered onto standardised waterbird count forms. Further information on the AWC is available on [www.wetlands.org/awc](http://www.wetlands.org/awc)

**COUNT PROCEDURE AND GUIDELINES**

1. Count at the most important waterbird sites (including wetland sanctuaries, Ramsar sites, IBAs and Flyway Network sites) and sites which can be accessed on an annual basis.
2. For large-sized sites (we call these parent sites) with well-known and clearly demarcated sub-sites (or count unit area), it is necessary to submit a form for each sub-site. It is important to be able to identify the name of the sub-site clearly, e.g. Chilika Lake—Mangalajodi and Chilika Lake--Nalabana, are two separate sub-sites within the Chilika Lake. It is possible that you will cover such sub-sites on different days or by different teams covering sub-sites simultaneously. The Coordinator/ Wetlands International can review the counts and can combine accurately.
3. The standard AWC Methodology to undertake the counts is downloadable from the AWC 2019 website <https://bit.ly/2rbebGw>. Try to count all waterbirds present. Also, give a count for a single day.
4. Give that figure of each species which you consider the best estimate and avoid giving ranges, e.g. 100-200.Terms such as “hundreds” and “thousands” are not very helpful.
5. If you fail to find any waterbirds at a wetland which is known to have held significant numbers of birds in the past, please complete a census form anyway, and note that no birds were present. If possible, give the reason for the absence of birds (e.g. wetland completely dry, wetland frozen over or site much disturbed by fishermen/hunters).
6. It is very important that you try to visit all the sites that you visited last year, try to use the same name for them and please do not amalgamate several sites which were previously counted separately.
7. Try to avoid duplication of effort. Whenever possible, counters should liaise together and agree on ONE census form which gives the results of your combined efforts.
8. Double-check all your entries on the count forms. In particular check to see that you have not inadvertently inserted a figure on the wrong line, or confused species names.
9. If you experience difficulties with the bird names on the count form, please mention this in the Comments section. Some English and Latin names vary for the same species depending on the guide book used. We have adopted the global standard set by BirdLife International (2014).
10. If you see any species of waterbird which is not listed on the count form, please add this in the space provided at the end of the list and give some additional information on its identification in the Comments section; photos may be submitted.
11. Please be sure to give your full name, address and email on the Waterbird Count Form. Otherwise we might not be able to contact you and share the results.
12. Threatened wetlands - if you feel that the wetland at which the count is conducted is under severe threat of destruction or degradation, please inform your National Co-ordinator, who can advise on whether action could be taken.

**COUNT RECORDING AND SUBMISSION**

1. This Word form is to help you record information in the field. To submit your final site assessment AND waterbird count forms to your AWC National Coordinator, we strongly encourage you to fill in the AWC Waterbird Count & Wetland Assessment Entry File 2019 (in Excel Format) Submission in the Excel Form allows for more efficient data processing for your National Coordinator and reduces errors. The Excel File can be downloaded from AWC 2019 web page <https://bit.ly/2rbebGw>.
2. Kindly fill a separate file for a single visit to a single site separately, renaming the form for each site and year before submission. For e.g. Tonle Sap National Park Jan2019. Kindly return the filled Excel forms to your AWC National Coordinator by end of **February.**
3. Submit a simple boundary file of the counted area, following [site boundary digitising](https://south-asia.wetlands.org/wp-content/uploads/sites/8/dlm_uploads/2018/12/How-to-digitize-AWC-sites-Dec18-1.pdf) guidance available here
4. The AWC National Coordinator collates all wetland assessment and waterbird count forms from participants into one overall table and submits this to Wetlands International.
5. If you have any query in filling the form, kindly contact your National Coordinator. If necessary you can contact Wetlands International at awc@wetlands.org

**Many thanks for your participation**

**Asian WaterbIRD Census – SITE ASSESSMENT FORM 2019**

|  |  |
| --- | --- |
| **COUNTRY** |  |
| **STATE/PROVINCE** |  |
| **NAME OF SITE** |  |
| *(Please check/click on the box)*[ ]  **New site** [ ] **Have submitted count in previous years** |
| **NAME OF PARENT SITE** (if your count site is part of a larger site) |  |
| **DISTRICT** |  |
| **NEAREST LARGE TOWN/CITY** |  |
| **PROTECTION** [ ] **The site is inside a protected area****Type of Protected Area**[ ]  National Park [ ]  Wildlife Sanctuary [ ]  Bird Sanctuary [ ]  Community Reserve [ ]  Ramsar Site [ ]  Flyway Network Site [ ]  Don’t know the name [ ]  Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Name of protected area(s):** List all appropriate names. For e.g. Keoladeo National Park; Keoladeo Ramsar Site.  |  |
| **Name of Important Bird Area** **and Biodiversity Area (IBA):** (enter the name of the IBA if known) |  |
| **COORDINATES** Decimal degrees lat \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Decimal degrees long\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **Coordinates**Lat: deg min secondsLong: deg min seconds[Convert the above to decimal degrees through this website and fill the column on the left](https://www.latlong.net/degrees-minutes-seconds-to-decimal-degrees) |
|  |
| **SITE CHARACTERISTICS** |
| **MAIN SOURCE OF WATER** [ ] Sea [ ]  River/stream [ ]  Local rains / stream[ ] Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **WETLAND TYPE**[ ]  Open sea, bay, strait [ ]  Reservoirs, barrages, tanks[ ]  Estuary, tidal mudflats, salt marshes [ ]  Gravel pits, mineral workings, mining pools[ ]  Brackish or saline lakes, lagoons, salt pans [ ]  Fish ponds, shrimp ponds[ ]  Rivers, streams, canals, drains [ ]  Grassland or agricultural land[ ]  Freshwater marshes, flooded areas [ ]  Mangrove, nipah[ ]  Freshwater lakes, ponds[ ]  Freshwater swamp forest, peat swamp forest |
| **SALINITY OF THE WETLAND** [ ]  Fresh [ ]  Brackish [ ]  Saline [ ]  Hypersaline  |
| **AREA** (Hectares/sq km) | **ALTITUDE** (metres above sea level)**:** | **MAXIMUM DEPTH** (m) |
| **FLOOD START** (month) | **Flood end** (month) |
| **PERMANENCE**  [ ]  Permanent [ ]  Temporary |

|  |
| --- |
| **VISIT INFORMATION** |
| **Date (dd/mm/yyyy) Start time End time** |
| **Method** |  |
| [ ] Aerial survey[ ] Boat[ ] Foot or vehicle[ ] Telescope used[ ] Aerial survey and boat[ ] Aerial survey and foot or vehicle[ ] Aerial survey and used telescope | [ ] Aerial survey and boat and foot or vehicle[ ] Aerial survey and boat and used telescope[ ] Aerial survey and foot or vehicle and used telescope[ ] Aerial survey and boat and foot or vehicle and used telescope[ ] Boat and foot or vehicle[ ] Boat and used telescope[ ] Boat and foot or vehicle and used telescope[ ] Foot or vehicle and used telescope |
| **Visit coverage**[ ]  Complete, 100% of wetland[ ]  Excellent, 75-99% [ ]  Moderate, 25-50% of wetland [ ]  Good, 50-75% of wetland[ ]  Minimal, <25% of wetland[ ]  Partial, not quantified | **Disturbance of birds during count** *(Provides an indication of whether disturbance of the birds may have affected your counts, e.g. were there any fishermen or hunters causing any disturbance).*[ ]  Not recorded[ ]  No effect[ ]  Little effect [ ]  Moderate effect [ ]  Strong effect[ ]  Disturbed, unqualified |
|  |  |
| **VISIT CONDITION OF THE WETLAND** |
| **Water Level**[ ]  Wet[ ]  Dry[ ]  Flooded | **Ice** *(Relevant to northern latitudes)*[ ]  Not frozen[ ]  Partly frozen [ ]  Completely frozen[ ]  Frozen (unqualified) |
| **Tidal condition**[ ]  No tidal influence *(choose for inland/freshwater habitat)*[ ]  Low tide [ ]  Rising tide [ ]  High tide[ ]  Falling tide | **Weather** *(Negative effects of weather conditions (wind, rain, fog) on counts)*[ ]  Not recorded[ ]  No effect[ ]  Little effect [ ]  Moderate effect [ ]  Strong effect |
| **Vegetation cover** *(What percentage of the wetland is covered with floating or emergent water plants)*[ ]  None[ ]  Half [ ]  Completely [ ]  Recently cleared[ ]  Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **Vegetation type** *(main types of vegetation present in the wetland)*[ ]  Growing on bank (Shrubs, Reeds) [ ]  Submerged in water (like *Hydrilla*)[ ]  Free floating (like water hyacinth)[ ]  Floating-leaved rooted (like water lilies)[ ]  Emergent (like *Typha* standing out of water)[ ]  Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |
| **USES AND THREATS TO THE WETLAND** *(Record here main human uses that are ongoing within and immediately around the wetland during your visit)* |
| **Main uses of the wetland** |  |
| **Fishing** [ ]  Not recorded[ ]  Little [ ]  Much [ ]  None  | **Agriculture around wetland** [ ]  Not recorded[ ]  Little [ ]  Much [ ]  None |
| **Cattle grazing** [ ]  Not recorded[ ]  Little [ ]  Few, <10 [ ]  Many, >10 | **Other uses** *(Situation observed during the visit: simply describe)* |
| **Likely threats to the wetland** *(Record here obvious threats you can see during your visit. These help to track changes between visits and can serve as an alert for conservation action. If the threat is not given in the options below, describe it in the box below)* |
| [ ] Pollution by domestic sewage[ ] Pollution by solid waste[ ] Pollution by industrial waste[ ] Pollution by oil[ ] Pollution by pesticides[ ] Pollution by fertilizers[ ] Agriculture along drying margins[ ] Crematorium at/around wetland[ ] Dam/barrage construction  | [ ] Eutrophication/blooms of surface water[ ] Cutting/clearance of aquatic vegetation[ ] Excessive growth of aquatic vegetation[ ] Partial reclamation of wetland[ ] Complete reclamation of wetland[ ] Residential & commercial development [ ] Mining (sand, soil)[ ] Sedimentation[ ] Excessive tourism/recreation (large number of tourists, disturbing birds, leaving garbage, playing loud music, etc) |
|  |  |
| **DEVELOPMENT PLANS TO SITE***Are you aware of any development plans at or around the site (e.g. reclamation of a part of or the whole wetland, road construction around or through the wetland, construction of buildings, canal construction, construction of power lines around or through the wetland, construction of wind farms around the wetland)* |
| **Development plans to site** |
| **Other likely threats to the wetland** *(Describe here. If you have web links to articles or newspaper reports, include these)* |

|  |
| --- |
| **LIKELY THREATS TO WATERBIRDS** *(Record here main human threats that are ongoing within and immediately around the wetland during your visit)* |
| **Hunting/trapping of birds** [ ]  Not recorded[ ]  Little [ ]  Much [ ]  None  | **Disturbance/chasing birds by Domestic dogs** [ ]  Not recorded [ ]  Few dogs (1-3) [ ]  Many dogs (>3)  |
| **Other Likely Threats to the Waterbirds** *Describe here. If you have web links to articles or newspaper reports, include these.* |

**MAP:** Outline map of wetland count unit (limit of the area covered by the count) with important geographical features (cities, roads, rivers, hills included). Please enclose a copy of map.

 **ADDITIONAL COMMENTS:**

**PARTICIPANT(S) NAME(S), ADDRESS(ES), Tel. No(s) AND EMAIL(s):**

Please return the filled forms to your AWC National Coordinator and ccawc@wetlands.org by end of **February 2019**

**Asian WaterBIRD Census – SOUTHEAST ASIA WATERBIRD COUNT FORM 2019**

COUNTRY: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PROVINCE/State: District:

Name of Site: Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NAME OF PARENT SITE (if your count site is part of a larger site):

Start time:\_\_\_\_\_\_\_\_ am/pm End time:\_\_\_\_\_\_\_ am/pm

***ENTER YOUR COUNTS HERE:***

|  |  |
| --- | --- |
| ***Total count*** | **ANSERIFORMES: Anseranatidae** |
|  | Magpie Goose/Anseranas semipalmata |
|  | **ANSERIFORMES: Anatidae** |
|  | Spotted Whistling-duck/Dendrocygna guttata |
|  | Fulvous Whistling-duck/Dendrocygna bicolor |
|  | Plumed Whistling-duck/Dendrocygna eytoni |
|  | Wandering Whistling-duck/Dendrocygna arcuata |
|  | Lesser Whistling-duck/Dendrocygna javanica |
|  | Black Swan/Cygnus atratus |
|  | Bar-headed Goose/Anser indicus |
|  | Greylag Goose/Anser anser |
|  | Bean Goose/Anser fabalis |
|  | Greater White-fronted Goose/Anser albifrons |
|  | Long-tailed Duck/Clangula hyemalis |
|  | Common Goldeneye/Bucephala clangula |
|  | Smew/Mergellus albellus |
|  | Goosander/Mergus merganser |
|  | Scaly-sided Merganser/Mergus squamatus |
|  | Red-breasted Merganser/Mergus serrator |
|  | Radjah Shelduck/Radjah radjah |
|  | Common Shelduck/Tadorna tadorna |
|  | Ruddy Shelduck/Tadorna ferruginea |
|  | Comb Duck/Sarkidiornis melanotos |
|  | Cotton Pygmy-goose/Nettapus coromandelianus |
|  | Green Pygmy-goose/Nettapus pulchellus |
|  | Mandarin Duck/Aix galericulata |
|  | White-winged Duck/Asarcornis scutulata |
|  | Red-crested Pochard/Netta rufina |
|  | Common Pochard/Aythya ferina |
|  | Hardhead/Aythya australis |
|  | Baer's Pochard/Aythya baeri |
|  | Ferruginous Duck/Aythya nyroca |
|  | Tufted Duck/Aythya fuligula |
|  | Greater Scaup/Aythya marila |
|  | Salvadori's Teal/Salvadorina waigiuensis |
|  | Garganey/Spatula querquedula |
|  | Northern Shoveler/Spatula clypeata |
|  | Baikal Teal/Sibirionetta formosa |
|  | Falcated Duck/Mareca falcata |
|  | Gadwall/Mareca strepera |
|  | Eurasian Wigeon/Mareca penelope |
|  | Pacific Black Duck/Anas superciliosa |
|  | Philippine Duck/Anas luzonica |
|  | Chinese Spot-billed Duck/Anas zonorhyncha |
|  | Indian Spot-billed Duck/Anas poecilorhyncha |
|  | Mallard/Anas platyrhynchos |
|  | Sunda Teal/Anas gibberifrons |
|  | Grey Teal/Anas gracilis |
|  | Northern Pintail/Anas acuta |
|  | Common Teal/Anas crecca |
|  | **PODICIPEDIFORMES: Podicipedidae** |
|  | Little Grebe/Tachybaptus ruficollis |
|  | Australasian Grebe/Tachybaptus novaehollandiae |
|  | Great Crested Grebe/Podiceps cristatus |
|  | Horned Grebe/Podiceps auritus |
|  | Black-necked Grebe/Podiceps nigricollis |
|  | **GRUIFORMES: Rallidae** |
|  | Chestnut Forest-rail/Rallicula rubra |
|  | White-striped Forest-rail/Rallicula leucospila |
|  | Forbes's Forest-rail/Rallicula forbesi |
|  | Mayr's Forest-rail/Rallicula mayri |
|  | Red-necked Crake/Rallina tricolor |
|  | Red-legged Crake/Rallina fasciata |
|  | Slaty-legged Crake/Rallina eurizonoides |
|  | Western Water Rail/Rallus aquaticus |
|  | Eastern Water Rail/Rallus indicus |
|  | Snoring Rail/Aramidopsis plateni |
|  | Slaty-breasted Rail/Lewinia striata |
|  | Brown-banded Rail/Lewinia mirifica |
|  | Lewin's Rail/Lewinia pectoralis |
|  | Drummer Rail/Habroptila wallacii |
|  | Calayan Rail/Gallirallus calayanensis |
|  | Chestnut Rail/Eulabeornis castaneoventris |
|  | Barred Rail/Hypotaenidia torquata |
|  | Buff-banded Rail/Hypotaenidia philippensis |
|  | Blue-faced Rail/Gymnocrex rosenbergii |
|  | Talaud Rail/Gymnocrex talaudensis |
|  | Bare-eyed Rail/Gymnocrex plumbeiventris |
|  | Spotted Crake/Porzana porzana |
|  | Ruddy-breasted Crake/Zapornia fusca |
|  | Band-bellied Crake/Zapornia paykullii |
|  | Brown Crake/Zapornia akool |
|  | Baillon's Crake/Zapornia pusilla |
|  | Black-tailed Crake/Zapornia bicolor |
|  | Spotless Crake/Zapornia tabuensis |
|  | Isabelline Bush-hen/Amaurornis isabellina |
|  | Philippine Bush-hen/Amaurornis olivacea |
|  | Talaud Bush-hen/Amaurornis magnirostris |
|  | Pale-vented Bush-hen/Amaurornis moluccana |
|  | White-breasted Waterhen/Amaurornis phoenicurus |
|  | White-browed Crake/Amaurornis cinerea |
|  | New Guinea Flightless Rail/Megacrex inepta |
|  | Watercock/Gallicrex cinerea |
|  | Purple Swamphen/Porphyrio porphyrio |
|  | Common Moorhen/Gallinula chloropus |
|  | Dusky Moorhen/Gallinula tenebrosa |
|  | Common Coot/Fulica atra |
|  | **GRUIFORMES: Gruidae** |
|  | Sarus Crane/Antigone antigone |
|  | Brolga/Antigone rubicunda |
|  | Demoiselle Crane/Anthropoides virgo |
|  | Common Crane/Grus grus |
|  | **CICONIIFORMES: Ciconiidae** |
|  | Greater Adjutant/Leptoptilos dubius |
|  | Lesser Adjutant/Leptoptilos javanicus |
|  | Painted Stork/Mycteria leucocephala |
|  | Milky Stork/Mycteria cinerea |
|  | Asian Openbill/Anastomus oscitans |
|  | Black Stork/Ciconia nigra |
|  | Asian Woollyneck/Ciconia episcopus |
|  | Storm's Stork/Ciconia stormi |
|  | White Stork/Ciconia ciconia |
|  | Black-necked Stork/Ephippiorhynchus asiaticus |
|  | **PELECANIFORMES: Threskiornithidae** |
|  | Eurasian Spoonbill/Platalea leucorodia |
|  | Black-faced Spoonbill/Platalea minor |
|  | Royal Spoonbill/Platalea regia |
|  | African Sacred Ibis/Threskiornis aethiopicus |
|  | Black-headed Ibis/Threskiornis melanocephalus |
|  | Australian Ibis/Threskiornis moluccus |
|  | Straw-necked Ibis/Threskiornis spinicollis |
|  | Red-naped Ibis/Pseudibis papillosa |
|  | White-shouldered Ibis/Pseudibis davisoni |
|  | Giant Ibis/Thaumatibis gigantea |
|  | Glossy Ibis/Plegadis falcinellus |
|  | **PELECANIFORMES: Ardeidae** |
|  | Forest Bittern/Zonerodius heliosylus |
|  | Eurasian Bittern/Botaurus stellaris |
|  | Australian Little Bittern/Ixobrychus dubius |
|  | Yellow Bittern/Ixobrychus sinensis |
|  | Schrenck's Bittern/Ixobrychus eurhythmus |
|  | Cinnamon Bittern/Ixobrychus cinnamomeus |
|  | Black Bittern/Ixobrychus flavicollis |
|  | White-eared Night-heron/Gorsachius magnificus |
|  | Japanese Night-heron/Gorsachius goisagi |
|  | Malay Night-heron/Gorsachius melanolophus |
|  | Black-crowned Night-heron/Nycticorax nycticorax |
|  | Rufous Night-heron/Nycticorax caledonicus |
|  | Green-backed Heron/Butorides striata |
|  | Indian Pond-heron/Ardeola grayii |
|  | Chinese Pond-heron/Ardeola bacchus |
|  | Javan Pond-heron/Ardeola speciosa |
|  | Cattle Egret/Bubulcus ibis |
|  | Grey Heron/Ardea cinerea |
|  | White-necked Heron/Ardea pacifica |
|  | White-bellied Heron/Ardea insignis |
|  | Great-billed Heron/Ardea sumatrana |
|  | Purple Heron/Ardea purpurea |
|  | Great White Egret/Ardea alba |
|  | Intermediate Egret/Ardea intermedia |
|  | Plumed Egret/Ardea plumifera |
|  | Pied Heron/Egretta picata |
|  | White-faced Heron/Egretta novaehollandiae |
|  | Little Egret/Egretta garzetta |
|  | Pacific Reef-egret/Egretta sacra |
|  | Chinese Egret/Egretta eulophotes |
|  | **PELECANIFORMES: Pelecanidae** |
|  | Dalmatian Pelican/Pelecanus crispus |
|  | Spot-billed Pelican/Pelecanus philippensis |
|  | Australian Pelican/Pelecanus conspicillatus |
|  | Great White Pelican/Pelecanus onocrotalus |
|  | **SULIFORMES: Phalacrocoracidae** |
|  | Little Cormorant/Microcarbo niger |
|  | Little Pied Cormorant/Microcarbo melanoleucos |
|  | Great Cormorant/Phalacrocorax carbo |
|  | Indian Cormorant/Phalacrocorax fuscicollis |
|  | Little Black Cormorant/Phalacrocorax sulcirostris |
|  | **SULIFORMES: Anhingidae** |
|  | Oriental Darter/Anhinga melanogaster |
|  | Australasian Darter/Anhinga novaehollandiae |
|  | **CHARADRIIFORMES: Burhinidae** |
|  | Indian Thick-knee/Burhinus indicus |
|  | Bush Thick-knee/Burhinus grallarius |
|  | Great Thick-knee/Esacus recurvirostris |
|  | Beach Thick-knee/Esacus magnirostris |
|  | **CHARADRIIFORMES: Haematopodidae** |
|  | Eurasian Oystercatcher/Haematopus ostralegus |
|  | Pied Oystercatcher/Haematopus longirostris |
|  | Sooty Oystercatcher/Haematopus fuliginosus |
|  | **CHARADRIIFORMES: Ibidorhynchidae** |
|  | Ibisbill/Ibidorhyncha struthersii |
|  | **CHARADRIIFORMES: Recurvirostridae** |
|  | Pied Avocet/Recurvirostra avosetta |
|  | Black-winged Stilt/Himantopus himantopus |
|  | **CHARADRIIFORMES: Charadriidae** |
|  | Grey Plover/Pluvialis squatarola |
|  | Pacific Golden Plover/Pluvialis fulva |
|  | Common Ringed Plover/Charadrius hiaticula |
|  | Long-billed Plover/Charadrius placidus |
|  | Little Ringed Plover/Charadrius dubius |
|  | Kentish Plover/Charadrius alexandrinus |
|  | White-faced Plover/Charadrius dealbatus |
|  | Javan Plover/Charadrius javanicus |
|  | Red-capped Plover/Charadrius ruficapillus |
|  | Malay Plover/Charadrius peronii |
|  | Lesser Sandplover/Charadrius mongolus |
|  | Greater Sandplover/Charadrius leschenaultii |
|  | Oriental Plover/Charadrius veredus |
|  | Black-fronted Dotterel/Elseyornis melanops |
|  | Northern Lapwing/Vanellus vanellus |
|  | River Lapwing/Vanellus duvaucelii |
|  | Yellow-wattled Lapwing/Vanellus malabaricus |
|  | Grey-headed Lapwing/Vanellus cinereus |
|  | Red-wattled Lapwing/Vanellus indicus |
|  | Javan Lapwing/Vanellus macropterus |
|  | Masked Lapwing/Vanellus miles |
|  | White-tailed Lapwing/Vanellus leucurus |
|  | Red-kneed Dotterel/Erythrogonys cinctus |
|  | **CHARADRIIFORMES: Rostratulidae** |
|  | Greater Painted-snipe/Rostratula benghalensis |
|  | **CHARADRIIFORMES: Jacanidae** |
|  | Pheasant-tailed Jacana/Hydrophasianus chirurgus |
|  | Bronze-winged Jacana/Metopidius indicus |
|  | Comb-crested Jacana/Irediparra gallinacea |
|  | **CHARADRIIFORMES: Scolopacidae** |
|  | Whimbrel/Numenius phaeopus |
|  | Little Curlew/Numenius minutus |
|  | Eurasian Curlew/Numenius arquata |
|  | Far Eastern Curlew/Numenius madagascariensis |
|  | Bar-tailed Godwit/Limosa lapponica |
|  | Black-tailed Godwit/Limosa limosa |
|  | Ruddy Turnstone/Arenaria interpres |
|  | Great Knot/Calidris tenuirostris |
|  | Red Knot/Calidris canutus |
|  | Ruff/Calidris pugnax |
|  | Broad-billed Sandpiper/Calidris falcinellus |
|  | Sharp-tailed Sandpiper/Calidris acuminata |
|  | Curlew Sandpiper/Calidris ferruginea |
|  | Temminck's Stint/Calidris temminckii |
|  | Long-toed Stint/Calidris subminuta |
|  | Spoon-billed Sandpiper/Calidris pygmaea |
|  | Red-necked Stint/Calidris ruficollis |
|  | Sanderling/Calidris alba |
|  | Dunlin/Calidris alpina |
|  | Little Stint/Calidris minuta |
|  | Buff-breasted Sandpiper/Calidris subruficollis |
|  | Pectoral Sandpiper/Calidris melanotos |
|  | Asian Dowitcher/Limnodromus semipalmatus |
|  | Long-billed Dowitcher/Limnodromus scolopaceus |
|   | Eurasian Woodcock/Scolopax rusticola |
|   | Javan Woodcock/Scolopax saturata |
|   | Solitary Snipe/Gallinago solitaria |
|   | Latham's Snipe/Gallinago hardwickii |
|   | Wood Snipe/Gallinago nemoricola |
|   | Pintail Snipe/Gallinago stenura |
|   | Swinhoe's Snipe/Gallinago megala |
|   | Great Snipe/Gallinago media |
|   | Common Snipe/Gallinago gallinago |
|   | Jack Snipe/Lymnocryptes minimus |
|   | Red-necked Phalarope/Phalaropus lobatus |
|   | Red Phalarope/Phalaropus fulicarius |
|   | Terek Sandpiper/Xenus cinereus |
|   | Common Sandpiper/Actitis hypoleucos |
|   | Green Sandpiper/Tringa ochropus |
|   | Grey-tailed Tattler/Tringa brevipes |
|   | Wandering Tattler/Tringa incana |
|   | Lesser Yellowlegs/Tringa flavipes |
|   | Spotted Redshank/Tringa erythropus |
|   | Common Greenshank/Tringa nebularia |
|   | Common Redshank/Tringa totanus |
|   | Wood Sandpiper/Tringa glareola |
|   | Marsh Sandpiper/Tringa stagnatilis |
|   | Spotted Greenshank/Tringa guttifer |
|   | **CHARADRIIFORMES: Glareolidae** |
|   | Australian Pratincole/Stiltia isabella |
|   | Collared Pratincole/Glareola pratincola |
|   | Oriental Pratincole/Glareola maldivarum |
|   | Little Pratincole/Glareola lactea |
|   | **CHARADRIIFORMES: Laridae** |
|   | Brown Noddy/Anous stolidus |
|   | Black Noddy/Anous minutus |
|   | Common White Tern/Gygis alba |
|   | Indian Skimmer/Rynchops albicollis |
|   | Saunders's Gull/Saundersilarus saundersi |
|   | Little Gull/Hydrocoloeus minutus |
|   | Black-legged Kittiwake/Rissa tridactyla |
|   | Slender-billed Gull/Larus genei |
|   | Brown-headed Gull/Larus brunnicephalus |
|   | Black-headed Gull/Larus ridibundus |
|   | Silver Gull/Larus novaehollandiae |
|   | Pallas's Gull/Larus ichthyaetus |
|   | Relict Gull/Larus relictus |
|   | Black-tailed Gull/Larus crassirostris |
|   | Mew Gull/Larus canus |
|   | Lesser Black-backed Gull/Larus fuscus |
|   | Caspian Gull/Larus cachinnans |
|   | Slaty-backed Gull/Larus schistisagus |
|   | Aleutian Tern/Onychoprion aleuticus |
|   | Sooty Tern/Onychoprion fuscatus |
|   | Bridled Tern/Onychoprion anaethetus |
|   | Grey-backed Tern/Onychoprion lunatus |
|   | Little Tern/Sternula albifrons |
|   | Saunders's Tern/Sternula saundersi |
|   | Common Gull-billed Tern/Gelochelidon nilotica |
|   | Australian Gull-billed Tern/G. macrotarsa |
|   | Caspian Tern/Hydroprogne caspia |
|   | Whiskered Tern/Chlidonias hybrida |
|   | White-winged Tern/Chlidonias leucopterus |
|   | River Tern/Sterna aurantia |
|   | Roseate Tern/Sterna dougallii |
|   | Black-naped Tern/Sterna sumatrana |
|   | Common Tern/Sterna hirundo |
|   | Black-bellied Tern/Sterna acuticauda |
|   | Lesser Crested Tern/Thalasseus bengalensis |
|   | Chinese Crested Tern/Thalasseus bernsteini |
|   | Greater Crested Tern/Thalasseus bergii |
|   | **STRIGIFORMES: Strigidae** |
|   | Brown Fish-owl/Ketupa zeylonensis |
|   | Tawny Fish-owl/Ketupa flavipes |
|   | Buffy Fish-owl/Ketupa ketupu |
|   | **ACCIPITRIFORMES: Pandionidae** |
|   | Osprey/Pandion haliaetus |
|   | **ACCIPITRIFORMES: Accipitridae** |
|   | Western Marsh-harrier/Circus aeruginosus |
|   | Eastern Marsh-harrier/Circus spilonotus |
|   | Papuan Harrier/Circus spilothorax |
|   | Swamp Harrier/Circus approximans |
|   | Spotted Harrier/Circus assimilis |
|   | Hen Harrier/Circus cyaneus |
|   | Pallid Harrier/Circus macrourus |
|   | Pied Harrier/Circus melanoleucos |
|   | White-bellied Sea-eagle/Haliaeetus leucogaster |
|   | Pallas's Fish-eagle/Haliaeetus leucoryphus |
|   | White-tailed Sea-eagle/Haliaeetus albicilla |
|   | Lesser Fish-eagle/Icthyophaga humilis |
|   | Grey-headed Fish-eagle/Icthyophaga ichthyaetus |
|   | Whistling Kite/Haliastur sphenurus |
|   | Brahminy Kite/Haliastur indus |
|   | Black Kite/Milvus migrans |
|   | **CORACIIFORMES: Alcedinidae** |
|   | Blue-eared Kingfisher/Alcedo meninting |
|   | Common Kingfisher/Alcedo atthis |
|   | Crested Kingfisher/Megaceryle lugubris |
|   | Pied Kingfisher/Ceryle rudis |
|   | Stork-billed Kingfisher/Pelargopsis capensis |
|   | Brown-winged Kingfisher/P.amauroptera |
|   | Ruddy Kingfisher/Halcyon coromanda |
|   | White-breasted Kingfisher/Halcyon smyrnensis |
|   | White-throated Kingfisher/Halcyon gularis |
|   | Javan Kingfisher/Halcyon cyanoventris |
|   | Black-capped Kingfisher/Halcyon pileata |
|   | Blue-capped Kingfisher/Actenoides hombroni |
|   | Collared Kingfisher/Todiramphus chloris |
|   | **FALCONIFORMES: Falconidae** |
|   | Common Kestrel/Falco tinnunculus |
|   | Merlin/Falco columbarius |
|   | Eurasian Hobby/Falco subbuteo |
|   | Oriental Hobby/Falco severus |
|   | Brown Falcon/Falco berigora |
|   | Laggar Falcon/Falco jugger |
|   | Peregrine Falcon/Falco peregrinus |
|  | **UNIDENTIFIED SPECIES** |
|  | Anatinea spp. |
|  | Anser / Branta spp. |
|  | Ardeidae spp. |
|  | Ardeola spp. |
|  | Aythya spp. |
|  | Burhinus spp. |
|  | Calidris spp. |
|  | Charadrius spp. |
|  | Chlidonias spp. |
|  | Ciconiidae spp. |
|  | Cygnus spp. |
|  | Dendrocygna spp. |
|  | Egretta/Bubulcus spp. |
|  | Gallinago spp. |
|  | Gavia spp. |
|  | Glareola spp. |
|  | Gorsachius spp. |
|  | Gruidae spp. |
|  | Ixobrychus spp. |
|  | Jacanidae spp. |
|  | Laridae spp. |
|  | Larus spp. |
|  | Limosa spp. |
|  | Numenius spp. |
|  | Pelecanus spp. |
|  | Phalacrocorax spp. |
|  | Phalaropus spp. |
|  | Phoenicopteridae spp. |
|  | Platalea spp. |
|  | Pluvialis spp. |
|  | Podicipedidae spp. |
|  | Porzana spp. |
|  | Rallidae spp. |
|  | Scolopacidae spp. |
|  | Stercorarius spp. |
|  | Sterna spp. |
|  | Sterninae spp. |
|  | Threskiornithidae spp. |
|  | Tringa spp. |
|  | Vanellus spp. |
|  | Unidentified waders |
|  | Unidentified waterbirds |
|  | **NO SPECIES SEEN** |
|  | **ADDITIONAL SPECIES** |
|  |  |
|  |  |
|  |  |
|  |  |

**ADDITIONAL COMMENTS (include additional species here):**

**Many thanks for your participation.**

Please return the filled forms to your AWC National Coordinator and ccawc@wetlands.org by end of **February 2019**