

Bird Survey at Mitraon City Forest

Introduction-

Mitraon city forest in Najafgarh area is one of the 26 protected forests in Delhi spread over 100 acres. The area being dominated tree species such as Euclyptus, Prosopis, Khabar(*Salvadora oleoides*), Palash. Dominated plants, climber and grass species covering most area- Blackberry, Kadipatta(*Murraya koenigii*), Munja(*Premna serratifolia*).

Area- 105acre

Location- 28°36'59.39N ; 76°56'26.94E



Methodology-

The survey started at 2pm with bright sunny weather. Survey was followed with the methodology of point selection method in which total area covered is 2km. By sighting of different birds all around.

Observation-

Total 39 species had been observed with dominant species Bank Myna(*Acridotheres ginginianus*), Black Drongo(*Dicrurus macrocercus*), Common Myna(***Acridotheres tristis***), Indian Peafowl(***Pavo cristatus***), House Crow(***Corvus splendens***), Blue Rock Pigeon(***Columba livia***), Rose-ringed Parakeet(***Psittacula krameri***). Some least sighted birds Rofous Tree Pie(***Dendrocitta vagabunda***), Golden Flameback Woodpecker(***Dinopium benghalense***), Jungle Nightjar(***Caprimulgus indicus***), Red Breasted Flycatcher(***Ficedula parva***). Two Raptors include Shikra(***Accipiter badius***) and Black Kite(***Milvus migrans***). Apart all only owl species sighted is

Spotted owl and most highlighted species is Long Tailed Minivet flying past in a group of 7 and in a group of 3 small tailed minivet.

Plants Observed- Seasonal Flowering Plants, Khabar(*Salvadora oleoides*), Pilu(*Salvadora oleoides*), Blackberry, Kadipatta(*Murraya koenigii*), Munja(*Premna serratifolia*).

Result-

This short survey indicates potential of Mitraon City Forest. All observations were conducted in the proposed sites.

List of Birds Observed:-

Common Name	<i>Scientific name</i>
Rose-ringed Parakeet	<i>Psittacula krameri</i>
White Wagtail	<i>Motacilla alba</i>
Green Beater	<i>Merops orientalis</i>
Back Redstart	<i>Phoenicurus ochruros</i>
Common Myna	<i>Acridotheres tristis</i>
House Crow	<i>Corvus splendens</i>
Black Kite	<i>Milvus migrans</i>
Purple Moorehen	<i>Porphyrio porphyrio</i>
Black Winged Stilt	<i>Himantopus himantopus</i>
Black Drongo	<i>Dicrurus macrocercus</i>
Rufous Treepie	<i>Dendrocitta vagabunda</i>
Jungle Bbler	<i>Turdoides striata</i>
Indian Robin	<i>Copsychus fulicatus</i>
Golden Flameback woodpecker	<i>Dinopium benghalense</i>
Purple Sunbird	<i>Cinnyris asiaticus</i>
Long Tailed Minivet	<i>Pericrocotus ethologus</i>
Jungle Nightjar	<i>Caprimulgus indicus</i>
Spotted Owllet	<i>Athene brama</i>
Lesser White throat	<i>Sylvia curruca</i>
Red Breasted Flycatcher	<i>Ficedula parva</i>
Oriental magpie Robin	<i>Copsychus saularis</i>
Large Grey Bbler	<i>Turdoides malcolmi</i>
Plain Prinia	<i>Prinia inornata</i>
Plain Creg martin	<i>Riparia paludicola</i>
Brown Headed Barbet	<i>Psilopogon zeylanicus</i>
Common Hoppoe	<i>Upupa epops</i>
Eurasian collared Dove	<i>Streptopelia decaocto</i>
Indian Peafowl	<i>Pavo cristatus</i>
Blue Rock Pigeon	<i>Columba livia</i>
Brown Rockchat	<i>Oenanthe fusca</i>
White Breasted Kingfisher	<i>Halcyon smyrnensis</i>
Pond Heron	<i>Ardeola grayii</i>
Common Chifchaff	<i>Phylloscopus collybita</i>

Cattle Egret	<i>Bubulcus ibis</i>
Bank Myna	<i>Acridotheres ginginianus</i>
Long Tail Minivet	<i>Pericrocotus ethologus</i>

Survey Team-

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Ishtiyak Ahmed

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Submitted by-

Conservation Education Centre-Delhi

Bombay Natural History Society

Highlight Species



Jungle Nightjar

Caprimulgus indicus



Long Tail Minivet

Pericrocotus ethologus

Butterfly Survey of Mitraon City Forest

Introduction-

Mitraon city forest in Najafgarh area is one of the 26 protected forests in Delhi spread over 100 acres. Area being dominated by tree species such as Eucalyptus, Prosopis, Khabar(*Salvadora oleoides*), Palash. Dominant plants, climber and grass covering most area such as- Blackberry, Kadipatta(*Murraya koenigii*), Munja(*Premna serratifolia*).

Area- 105 acre

Location- 28°36'59.39N ; 76°56'26.94E



Methodology-

Survey started at 12noon on 8th February, 2017 with bright sunny weather. Survey was followed with methodology of point selection method in which total area covered is 2km. By sighting of different butterflies all around.

Observation-

Total 9 species of butterflies observed with dominant species Cabbage Butterfly(*Pieris rapae*), Common Emigrant(*Catopsilia pomona*) and Plain Tiger(*Danaus chrysippus*). Some single sighted butterflies, Blue Pansy (*Junonia orithya*), Common Castor(*Ariadne merione*) and Common Mormon(*Papilio polytes*).

Activities of butterflies involved- Hovering over flowering plants, nectar sucking and sitting on leaves.

Plants Observed- Seasonal Flowering Plants, Khabar(*Salvadora oleoides*), Pilu. Blackberry, Kadipatta(*Murraya koenigii*), Munja(*Premna serratifolia*).

Result-

This short survey indicates the potential of the butterfly park in the Mitraon city forest as all observations were conducted on the proposed sites.

List of Butterflies Observed:-

Common Name	Scientific name
Plain Tiger	<i>Danaus chrysippus</i>
Cabbage Butterfly	<i>Pieris rapae</i>
Common Emigrant	<i>Catopsilia pomona</i>
Mottled Emigrant	<i>Catopsilia pyranthe</i>
Pioneer	<i>Belenois aurota</i>
Common Mormon	<i>Papilio polytes</i>
White Orange Tip	<i>Ixias marianne</i>
Common Castor	<i>Ariadne merione</i>
Blue Pansy	<i>Junonia orithya</i>
Pea Blue	<i>Lampides boeticus</i>

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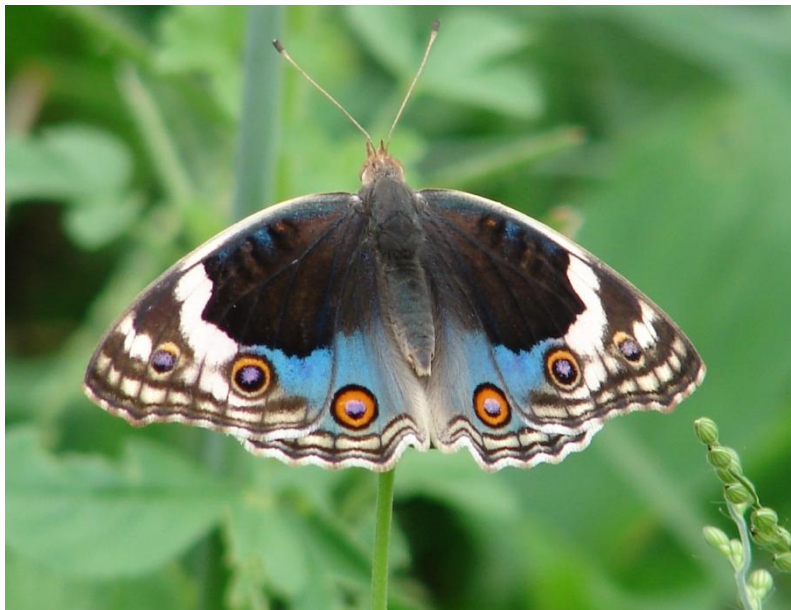
Bombay Natural History Society

Highlight Species



Pioneer

Belenois aurota



Blue Pansy

Junonia orithya

