

Transect 11 **Locality** Pulianjoli shola
Date , April 13, 1999 **Weather**
Start Time 8:03 AM **Transect Direction**
Stop Time 10:03 AM **Altitude** 960

Area Description

This transect was conducted within the Pulianjoli reserve forest, between Vallarum and the Arappalisvara temple. The transect began on the edge of the road and headed downslope. The transect ran through a valley, at the center of which was a small stream. The transect started at one edge of the valley, ran through it and ended up on the other edge.

Vegetation and General Description

The area is secondary mixed forest that has been heavily impacted by woodcutting. In most places, lantana is present and the undergrowth is generally very thick.

Notes

- Whitecheeked barbets were heard and seen in great numbers throughout the transect and they were not recorded.
- At 9:49, some villagers stopped to talk and I was forced to take a two minute break.
- At 8:58, I was at the center of the stream

Flying Birds:

Stationary Birds

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Redwhiskered Bulbul	No	8:03	1	Less than 5 meters	10
Malabar Whistling Thrush	No	8:16	1	Between 10 and 19 meters	15
Scarlet Minivet	No	8:35	1	Between 20 and 49 meters	5
I sighted a male.					
Blyth's Reed Warbler	No	8:39	1	Less than 5 meters	2
Eurasian Sparrow-Hawk	No	8:49	1	Less than 5 meters	2

I sighted a raptor that at first glance I mistook for a shikra. When I looked again, I noticed that the eyes weren't red and that the bird was more brownish above than the shikra. The bird had long legs, white underparts, and no mustachial streak.

Heard Birds

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Coppersmith Barbet	No	8:03	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:03	3	Between 20 and 49 meters
Unknown	No	8:03	1	Not recorded
I heard a bulbul alarm call, "pik pik pik pik".				
Malabar Whistling Thrush	No	8:03	1	Between 10 and 19 meters
Flowerpecker (species uncertain)	Yes	8:06	2	Not recorded

I heard a high-pitched and squeaky "pik pik pik pik pik"

Yellowbrowed Bulbul	No	8:06	Several	Far away, at an indeterminate distance
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HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Unknown	No	8:09	1	Not recorded
I heard a harsh and fast call, "pree deek pree deek". The "pree deek" frequency was roughly two a second. A run contained two or three "pree deek's" and there was a break between runs. The tone was reminiscent of a redwhiskered bulbul..				
Coppersmith Barbet	No	8:09	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:11	Several	Not recorded
The redwhiskered bulbuls had been calling continuously since the beginning of the transect.				
Whitebrowed Bulbul	No	8:14	1	Between 20 and 49 meters
Indian Scops Owl	Yes	8:14	1	Between 20 and 49 meters
I heard the call "hoo he he he hoo hoo" that was in tone reminiscent of an owl.				
Longbilled Sunbird	No	8:14	1	Between 20 and 49 meters
Indian Scops Owl	Yes	8:17	1	Between 10 and 19 meters
I heard that uncertain call that I heard at 8:14.				
Unknown	No	8:17	1	Between 20 and 49 meters
I heard a call, "preek prioou", that had been going continuously for the past few minutes. The call had a whistling tone and seemed to be coming from above the undergrowth.				
Whitebrowed Bulbul	No	8:19	1	Between 20 and 49 meters
Scarlet Minivet	No	8:19	Several	Between 10 and 19 meters
Unknown	No	8:21	1	Between 20 and 49 meters
I heard the familiar call that sounded like a Malabar whistling thrush with a sore throat.				
Unknown	No	8:21	1	Between 20 and 49 meters
I heard a fast call, "pideek pideek". The "pideek" frequency was roughly two a second. The number of "pideek's" in a run varied. The call seemed to come from the undergrowth.				
Coppersmith Barbet	No	8:21	1	Far away, at an indeterminate distance
Black Drongo	No	8:21	1	Between 20 and 49 meters
Common Iora	No	8:21	1	Between 20 and 49 meters
Oriental Magpie Robin	No	8:21	1	Between 10 and 19 meters
Common Iora	No	8:25	1	Between 10 and 19 meters
Scarlet Minivet	No	8:25	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:25	1	Between 10 and 19 meters
Rufous Tree Pie	No	8:25	1	Between 10 and 19 meters
Common Iora	No	8:27	1	Between 10 and 19 meters
Blyth's Reed Warbler	No	8:31	1	Between 10 and 19 meters
Malabar Whistling Thrush	No	8:31	1	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	8:31	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	8:31	1	Between 10 and 19 meters
Common Iora	No	8:35	1	Between 20 and 49 meters
Yellowbrowed Bulbul	No	8:35	1	Between 20 and 49 meters
I heard a harsh and repeated call, "wreck wreck wreck".				
Flowerpecker (species uncertain)	No	8:37	1	Between 10 and 19 meters
Blyth's Reed Warbler	No	8:37	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	8:37	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Scarlet Minivet	No	8:37	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:37	Several	Between 20 and 49 meters
Greenish Warbler	No	8:39	1	Between 10 and 19 meters
Greenish Warbler	No	8:41	1	Between 10 and 19 meters
Yellowbrowed Bulbul	No	8:41	Several	Between 10 and 19 meters
Common Iora	No	8:41	1	Between 10 and 19 meters
Coppersmith Barbet	No	8:41	1	Between 20 and 49 meters
Greenish Warbler	No	8:43	1	Between 10 and 19 meters
Common Iora	No	8:46	1	Between 10 and 19 meters
Greenish Warbler	No	8:46	1	Between 10 and 19 meters
Yellowbrowed Bulbul	No	8:46	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:48	1	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	8:48	1	Between 20 and 49 meters
Oriental Magpie Robin	No	8:51	1	Between 20 and 49 meters
Indian Scops Owl	Yes	8:51	1	Between 10 and 19 meters
I heard the call "hoo hoo he he hoo" that I had heard earlier in the transect.				
Yellowbrowed Bulbul	No	8:56	Several	Between 10 and 19 meters
Common Iora	No	8:56	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:58	1	Between 10 and 19 meters
Yellowbrowed Bulbul	No	9:02	Several	Between 20 and 49 meters
Common Iora	No	9:02	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:02	1	Between 10 and 19 meters
Common Iora	No	9:04	1	Between 10 and 19 meters
Unknown	No	9:05	1	Not recorded
I heard the call "ti ti ti piou".				
Common Iora	No	9:05	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:05	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:08	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:10	Several	Between 10 and 19 meters
Unknown	No	9:14	1	Between 10 and 19 meters
I heard a bulbul alarm call "pik pik pik pik pik" etc."				
Coppersmith Barbet	No	9:14	1	Between 10 and 19 meters
Scarlet Minivet	No	9:17	Several	Between 10 and 19 meters
Oriental Magpie Robin	No	9:20	1	Between 10 and 19 meters
Longbilled Sunbird	No	9:22	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:22	Several	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:25	1	Between 20 and 49 meters
Blyth's Reed Warbler	No	9:25	1	Between 10 and 19 meters
Yellowbrowed Bulbul	No	9:32	Several	Between 20 and 49 meters
Malabar Whistling Thrush	No	9:32	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:32	Several	Not recorded

The birds were heard at all distances.

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Coppersmith Barbet	No	9:40	1	Between 20 and 49 meters
Unknown	No	9:41	1	Not recorded
I heard the unknown call "pioou".				
Bronzed Drongo	No	9:44	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:46	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:50	2	Between 20 and 49 meters
Coppersmith Barbet	No	9:53	2	Between 20 and 49 meters
Scarlet Minivet	No	9:55	1	Between 10 and 19 meters
Scarlet Minivet	No	9:57	2	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:59	1	Between 10 and 19 meters
Oriental Magpie Robin	No	9:59	1	Between 20 and 49 meters
Coppersmith Barbet	No	10:02	1	Between 20 and 49 meters

Transect 12 **Locality** Pulianjoli shola
Date , April 14, 1999 **Weather** Hot, sunny, and at times breezy. Half of the sky covered in high an
Start Time 8:13 AM **Transect Direction**
Stop Time 10:13 AM **Altitude**

Area Description

This transect takes place in the same location as the last transect.

Vegetation and General Description

See last transect for vegetation information.

Notes

At 8:33 AM, I was out of the forest and on the edge of a clearing.
 At 8:37 AM, I was back in the forest and heading downslope towards the stream. The altitude at this point was 955 meters.
 At 9:07 AM, I was in the center of the stream and heading up the opposite slope. The altitude at this point was 925 meters.
 At 9:49 AM, I saw two dracos fly onto a tree trunk.
 At 9:57, I was off of the forest trail and onto the road. The rest of the transect took place on the road. The altitude at this point was 955 meters.

Flying Birds:

FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Black Drongo	No	8:15	1	Lower then 30 meters
Redwhiskered Bulbul	No	8:41	Several	Lower then 30 meters

Stationary Birds

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Bronzed Drongo	No	8:15	1	Between 20 and 49 meters	15
Black Drongo	No	8:17	1	Between 20 and 49 meters	20
Redwhiskered Bulbul	No	8:19	2	Between 20 and 49 meters	1
Drongo Cuckoo	No	8:55	1	Between 10 and 19 meters	15
Scarlet Minivet	No	9:53	1	Between 10 and 19 meters	1

I sighted a male.

Heard Birds

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Black Drongo	No	8:13	1	Between 10 and 19 meters
Coppersmith Barbet	No	8:13	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:13	Several	Between 10 and 19 meters
Whitebrowed Bulbul	No	8:15	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:15	Several	Between 10 and 19 meters
Black Drongo	No	8:15	1	Between 10 and 19 meters
Coppersmith Barbet	No	8:15	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Coppersmith Barbet	No	8:17	1	Between 20 and 49 meters
Oriental Magpie Robin	No	8:19	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:19	Several	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:23	Several	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	8:23	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:25	Several	Between 10 and 19 meters
Black Drongo	No	8:27	1	Between 20 and 49 meters
Common Iora	No	8:27	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:27	Several	Not recorded

The bulbuls were at all distances.

Tickell's Blue Flycatcher	No	8:29	1	Between 20 and 49 meters
Black Drongo	No	8:29	1	Between 10 and 19 meters
Common Iora	No	8:29	1	Between 20 and 49 meters
Tickell's Blue Flycatcher	No	8:31	1	Between 20 and 49 meters
Blyth's Reed Warbler	No	8:31	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	8:31	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:31	Several	Between 20 and 49 meters
Jungle Myna	No	8:31	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:33	1	Between 20 and 49 meters
Black Drongo	No	8:33	1	Between 10 and 19 meters
Scarlet Minivet	No	8:33	Several	Between 20 and 49 meters
Coppersmith Barbet	No	8:33	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:33	Several	Between 20 and 49 meters
Blyth's Reed Warbler	No	8:33	1	Between 10 and 19 meters
Redvented Bulbul	No	8:33	1	Between 10 and 19 meters
Redvented Bulbul	No	8:35	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:35	Several	Between 20 and 49 meters
Coppersmith Barbet	No	8:35	1	Between 20 and 49 meters
Oriental Magpie Robin	No	8:35	1	Between 10 and 19 meters
Common Iora	No	8:35	1	Between 20 and 49 meters
Common Iora	No	8:37	2	Between 10 and 19 meters
Unknown	No	8:37	1	Between 20 and 49 meters

I heard a repeated, musical, and two-noted call. It was reminiscent of a common iora's call and had a whistling and full tone. The second note of the call was at a lower pitch than the first. The call was always repeated the same way.

Coppersmith Barbet	No	8:37	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:37	Several	Between 10 and 19 meters
Oriental Magpie Robin	No	8:37	1	Between 10 and 19 meters
Asian Paradise Flycatcher	No	8:37	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	8:39	1	Between 20 and 49 meters
Common Iora	No	8:39	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:39	Several	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Goldenfronted Leafbird	Yes	8:39	1	Between 20 and 49 meters
The bird also may have been a black drongo.				
Redwhiskered Bulbul	No	8:41	Several	Between 20 and 49 meters
Coppersmith Barbet	No	8:41	1	Between 20 and 49 meters
Oriental Magpie Robin	No	8:41	1	Between 10 and 19 meters
Common Iora	No	8:41	Several	Between 20 and 49 meters
Greenish Warbler	No	8:43	1	Between 20 and 49 meters
Common Iora	No	8:43	Several	Between 10 and 19 meters
The ioras were seperated.				
Browncheeked Fulvetta	No	8:45	1	Between 10 and 19 meters
Black Drongo	No	8:45	1	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	8:45	1	Between 10 and 19 meters
Unknown	No	8:45	1	Not recorded
I heard a very human-like whistle, but it didn't have the eerie quality of a malabar whistling thrush's call. The call consisted of two notes, with the second note being at a higher pitch. The call had a bright and full tone. The call was repeated three times with a break between runs. The call was always repeated the same way.				
Coppersmith Barbet	No	8:47	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:47	Several	Between 20 and 49 meters
Whitebrowed Bulbul	No	8:47	1	Between 20 and 49 meters
Oriental Magpie Robin	No	8:47	1	Between 20 and 49 meters
Goldenfronted Leafbird	Yes	8:47	1	Between 10 and 19 meters
The bird may also have been a black drongo.				
Greenish Warbler	No	8:49	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:49	Several	Between 20 and 49 meters
Common Iora	No	8:51	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:51	Several	Between 20 and 49 meters
Goldenfronted Leafbird	Yes	8:51	1	Between 10 and 19 meters
The bird may also have been a black drongo.				
Plain Flowerpecker	No	8:51	1	Between 10 and 19 meters
Oriental Magpie Robin	No	8:51	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:53	Several	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	8:57	1	Between 10 and 19 meters
Goldenfronted Leafbird	Yes	8:57	1	Between 20 and 49 meters
The bird may also have been a black drongo.				
Common Iora	No	8:57	1	Between 20 and 49 meters
Common Iora	No	8:59	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:59	Several	Between 20 and 49 meters
The birds were seperated.				
Blackrumped Flameback	No	9:01	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:01	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Flowerpecker (species uncertain)	No	9:01	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:01	1	Between 10 and 19 meters
Yellowbrowed Bulbul	No	9:01	1	Between 20 and 49 meters
Tickell's Blue Flycatcher	No	9:03	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	9:03	1	Between 10 and 19 meters
Malabar Whistling Thrush	No	9:03	1	Between 20 and 49 meters
Plain Flowerpecker	No	9:05	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:07	Several	Between 20 and 49 meters
Plain Flowerpecker	No	9:07	1	Between 10 and 19 meters
Bluewinged Leafbird	No	9:09	1	Between 10 and 19 meters
Common Tailorbird	No	9:11	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:11	1	Between 20 and 49 meters
Plain Flowerpecker	No	9:11	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:11	Several	Between 10 and 19 meters
Goldenfronted Leafbird	Yes	9:11	1	Between 10 and 19 meters
The bird may also have been a black drongo.				
Coppersmith Barbet	No	9:16	1	Between 10 and 19 meters
Browncheeked Fulvetta	No	9:16	2	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:16	Several	Between 20 and 49 meters
Longbilled Sunbird	No	9:16	1	Between 20 and 49 meters
Goldenfronted Leafbird	Yes	9:16	1	Between 20 and 49 meters
The bird may also have been a black drongo.				
Plain Flowerpecker	No	9:18	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:18	Several	Between 10 and 19 meters
Goldenfronted Leafbird	Yes	9:18	1	Between 10 and 19 meters
The bird may also have been a black drongo.				
Coppersmith Barbet	No	9:18	2	Between 20 and 49 meters
Scarlet Minivet	No	9:19	1	Between 20 and 49 meters
Unknown	No	9:19	1	Not recorded
I heard a three-noted call, The first note was the same as the last, while the middle note was at a higher pitch. The call's tone was reminiscent of the call of a oriental magpie robin. The call was continuously repeated, with a few seconds break between repeats. The call was always repeated the same way.				
Bronzed Drongo	No	9:21	1	Between 20 and 49 meters
Greenish Warbler	No	9:21	1	Between 10 and 19 meters
Asian Paradise Flycatcher	No	9:21	1	Between 10 and 19 meters
Bronzed Drongo	No	9:23	1	Between 20 and 49 meters
Tickell's Blue Flycatcher	No	9:23	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:23	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:23	1	Between 10 and 19 meters
Yellowbrowed Bulbul	No	9:25	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:25	Several	Between 20 and 49 meters
Scarlet Minivet	No	9:25	Several	Between 10 and 19 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Plain Flowerpecker	No	9:25	1	Between 10 and 19 meters
Goldenfronted Leafbird	Yes	9:25	1	Between 10 and 19 meters
The bird may also have been a black drongo.				
Blyth's Reed Warbler	No	9:25	2	Between 10 and 19 meters
The warblers were seperated.				
Goldenfronted Leafbird	Yes	9:27	1	Between 10 and 19 meters
The bird may also have been a black drongo.				
Flowerpecker (species uncertain)	No	9:27	1	Between 10 and 19 meters
Blyth's Reed Warbler	No	9:27	1	Between 10 and 19 meters
Scarlet Minivet	No	9:27	1	Between 20 and 49 meters
Yellowbrowed Bulbul	No	9:27	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:27	Several	Between 10 and 19 meters
Longbilled Sunbird	No	9:27	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:29	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:29	Several	Between 20 and 49 meters
Scarlet Minivet	No	9:29	1	Between 10 and 19 meters
Common Iora	No	9:31	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:31	1	Between 10 and 19 meters
Common Tailorbird	No	9:31	1	Between 20 and 49 meters
Yellowbrowed Bulbul	No	9:33	Several	Between 20 and 49 meters
Coppersmith Barbet	No	9:33	1	Between 20 and 49 meters
Browncheeked Fulvetta	No	9:33	1	Between 20 and 49 meters
Scarlet Minivet	No	9:35	1	Between 20 and 49 meters
Unknown	No	9:35	1	Not recorded

I heard a deep, hollow, and whistling call. The call sounded like a very deep version of the yellowbrowed bulbul's call. The call was both short (about a second long) and made quickly. The call was repeated with a few seconds break between repeats. The call was always repeated the same way. The call seemed to come from the undergrowth.

Goldenfronted Leafbird	Yes	9:35	1	Between 10 and 19 meters
The bird may also have been a black drongo.				
Redwhiskered Bulbul	No	9:35	Several	Between 10 and 19 meters
Rufous Tree Pie	No	9:35	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:38	2	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:38	Several	Between 10 and 19 meters
Browncheeked Fulvetta	No	9:38	1	Between 10 and 19 meters
Tickell's Blue Flycatcher	No	9:38	1	Between 20 and 49 meters
Plain Flowerpecker	No	9:41	1	Between 10 and 19 meters
Velvetfronted Nuthatch	No	9:41	1	Between 10 and 19 meters
Scarlet Minivet	No	9:41	Several	Between 20 and 49 meters
Yellowbrowed Bulbul	No	9:41	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:41	Several	Between 20 and 49 meters
Yellowbrowed Bulbul	No	9:43	Several	Between 20 and 49 meters
Scarlet Minivet	No	9:43	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Redwhiskered Bulbul	No	9:43	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:45	Several	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	9:45	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:48	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	9:51	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:51	1	Between 20 and 49 meters
Goldenfronted Leafbird	Yes	9:51	1	Between 20 and 49 meters
The bird may also have been a black drongo.				
Redwhiskered Bulbul	No	9:51	Several	Between 20 and 49 meters
Coppersmith Barbet	No	9:53	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	9:53	1	Between 10 and 19 meters
Scarlet Minivet	No	9:55	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:55	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:55	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:57	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:57	2	Between 20 and 49 meters
Yellowbrowed Bulbul	No	9:57	2	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:57	1	Between 10 and 19 meters
Oriental Magpie Robin	No	9:59	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:59	1	Between 20 and 49 meters
Blyth's Reed Warbler	No	10:01	1	Between 20 and 49 meters
Greenish Warbler	No	10:01	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	10:01	Several	Between 10 and 19 meters
Redwhiskered Bulbul	No	10:03	Several	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	10:03	1	Between 20 and 49 meters
Scarlet Minivet	No	10:03	Several	Between 20 and 49 meters
Goldenfronted Leafbird	Yes	10:03	1	Between 20 and 49 meters
The bird may also have been a black drongo.				
Browncheeked Fulvetta	No	10:05	1	Between 20 and 49 meters
Common Iora	No	10:05	1	Between 20 and 49 meters
Coppersmith Barbet	No	10:05	1	Between 20 and 49 meters
Indian Scops Owl	No	10:07	1	Between 20 and 49 meters
Oriental Magpie Robin	No	10:07	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	10:07	1	Between 10 and 19 meters
Yellowbrowed Bulbul	No	10:09	Several	Between 10 and 19 meters
Coppersmith Barbet	No	10:09	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	10:09	Several	Between 10 and 19 meters
Malabar Whistling Thrush	No	10:09	1	Between 20 and 49 meters
Plain Flowerpecker	No	10:09	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Oriental Magpie Robin	No	10:11	1	Between 10 and 19 meters
Scarlet Minivet	No	10:11	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	10:11	1	Between 10 and 19 meters
Coppersmith Barbet	No	10:11	1	Between 20 and 49 meters
Indian Scops Owl	No	10:11	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	10:11	1	Between 10 and 19 meters
Coppersmith Barbet	No	10:11	2	Between 20 and 49 meters

Transect 13 **Locality** Near Pananjai patti
Date , April 15, 1999 **Weather** Hot, sunny, cloudless, and windy.
Start Time 8:13 AM **Transect Direction** 80
Stop Time 10:13 AM **Altitude** 1200

Area Description

This transect took place on the dirt road that connects Ariyur Kaspaa and Panajai patti. The transect started on the road, 30 meters downslope from Pananjai patti. The transect traveled away from this village and went towards Ariyur Kaspaa. This transect sampled cultivated and fallow land. The transect began on the edge of the valley and descended downslope into it.

Vegetation and General Description

0 meters. The land was mostly fallow and covered with shrubs and weeds. In some areas, only short grass was growing. There were some jack, banana, and silveroak trees present. Across the valley, to the north, the edge of madhya kaitan shola was visible on the crest of the otherwise denuded hills. At the base of the valley, rice was being cultivated with jack trees fringing the paddy. Above the rice, pineapple and tapioca were present. Above the cultivation, the hill tops were largely barren, with the vegetation mostly consisting of short grass and a few shrubs. The land is quite dry and the hills surrounding the valley are almost entirely deforested.

200 meters. At this point, the transect entered the tree belt that fringed the paddy. Within this belt was where most of the banana trees were located.

360 meters. At this point, the transect was at the bottom of the valley and in the middle of rice cultivation. As a small stream was present, this area was somewhat wetter. Due to the tree belt, this area was also shady.

460 meters. On the periphery, a large tapioca/ banana field was present. This was the midpoint between two rivulets at the base of the valley.

520 meters. The transect crossed the second rivulet. Curiously, the area had not been converted to paddy. The altitude at this point was 1150 meters.

600 meters. The transect passed out of the tree zone and crossed into tapioca and banana cultivation. The altitude at this point was 1160 meters.

Notes

As the crow flies, the transect direction was roughly 80 degrees, but the dirt road meandered to some extent, so the distance traveled was further than the straight line distance.

At 9:25 AM, the altitude was 1145 meters.

At 9:57 AM, I was on the south edge of the rivulet.

At 9:59 AM, the altitude was 1140 meters.

Flying Birds:

FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Shikra	No	8:45	1	Lower than 30 meters
The shikra was carrying a snake in its talons.				
Flowerpecker (species uncertain)	No	8:57	1	Lower than 30 meters
Shikra	No	9:00	1	Lower than 30 meters
Flowerpecker (species uncertain)	No	9:38	1	Lower than 30 meters
Largebilled Crow	No	9:47	1	Lower than 30 meters
Largebilled Crow	No	9:55	1	Lower than 30 meters

Stationary Birds

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Redwhiskered Bulbul	No	8:29	1	Between 10 and 19 meters	15
Redwhiskered Bulbul	No	8:39	1	Between 20 and 49 meters	15
Largebilled Crow	No	10:05	1	Between 10 and 19 meters	15

Heard Birds**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Largebilled Crow	No	8:13	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:13	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:13	1	Between 20 and 49 meters
Largebilled Crow	No	8:13	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:15	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:15	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:17	2	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:21	2	Between 20 and 49 meters
Black Drongo	No	8:21	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:23	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:27	2	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:29	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:33	5	Between 20 and 49 meters
Black Drongo	No	8:33	1	Between 20 and 49 meters
Greenish Warbler	No	8:36	1	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	8:36	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:37	1	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	8:37	Several	Between 10 and 19 meters
Plain Flowerpecker	No	8:39	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:39	4	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:48	Several	Between 20 and 49 meters
Coppersmith Barbet	No	8:48	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:54	1	Between 20 and 49 meters
Jungle Owlet	No	9:02	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:11	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:11	1	Between 20 and 49 meters
Whitecheeked Barbet	No	9:16	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:17	3	Between 20 and 49 meters
Oriental Magpie Robin	No	9:20	1	Between 20 and 49 meters
Blyth's Reed Warbler	No	9:20	2	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:22	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:23	Several	Between 20 and 49 meters
Greenish Warbler	No	9:23	1	Between 10 and 19 meters
Greenish Warbler	No	9:25	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:25	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Common Tailorbird	No	9:27	1	Between 20 and 49 meters
I heard a call like that of several greenish warbler calls put together in an evenly spaced manner. The call was fairly continuous.				
Greenish Warbler	No	9:33	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:33	1	Between 20 and 49 meters
Palebilled Flowerpecker	No	9:33	1	Not recorded
Redwhiskered Bulbul	No	9:35	1	Between 20 and 49 meters
Plain Flowerpecker	No	9:38	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:39	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:41	1	Between 20 and 49 meters
Largebilled Crow	No	9:41	1	Between 20 and 49 meters
Scarlet Minivet	No	9:43	1	Between 20 and 49 meters
Largebilled Crow	No	9:43	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	9:45	1	Between 20 and 49 meters
Largebilled Crow	No	9:45	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:47	1	Between 20 and 49 meters
Black Drongo	No	9:49	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:49	3	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:51	1	Between 10 and 19 meters
Greenish Warbler	No	9:53	1	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	9:53	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	9:55	3	Between 10 and 19 meters
Largebilled Crow	No	9:57	1	Between 10 and 19 meters
Common Iora	No	9:57	1	Between 10 and 19 meters
Common Iora	No	9:59	1	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	9:59	1	Between 20 and 49 meters
Redvented Bulbul	No	10:01	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	10:01	1	Between 20 and 49 meters
Redvented Bulbul	No	10:03	1	Between 20 and 49 meters
Common Iora	No	10:03	1	Between 20 and 49 meters
Largebilled Crow	No	10:03	1	Between 10 and 19 meters
Common Iora	No	10:07	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	10:09	1	Between 20 and 49 meters
Largebilled Crow	No	10:09	2	Between 20 and 49 meters
Common Iora	No	10:11	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	10:11	1	Between 20 and 49 meters

Transect 14 **Locality** Secondary growth near forest office in Semmedu
Date , April 16, 1999 **Weather** Sunny, cloudless, hot, and slightly windy.
Start Time 8:06 AM **Transect Direction** 0
Stop Time 10:06 AM **Altitude** 1210

Area Description

This transect took place in the secondary forest and scrub immediately upslope of the Forest Department compound in Semmedu. Although, in general, the transect went directly north, the trail meandered a bit. Consequently, the distance covered in the transect is longer than the straight line distance between the transect endpoints. The vegetation observations begin where the avian observations end, so the order of the two is reversed.

Vegetation and General Description

0 meters. The transect ended in extremely heavily cut shola. Although a few tall trees were present, the vegetation consisted almost entirely of tall (some over two meters in height) undergrowth. The undergrowth was a mixture of lantana, evergreen plants, and deciduous plants. No canopy was present in most places.

170 meters. The transect left the heavily cut shola and entered secondary growth (which consisted almost entirely of lantana and other shrubs). Large patches of bare rock were interspersed with the vegetation. The area was very dry.

500 meters. Silveroak plantation in which the trees were widely spaced. A fair amount of undergrowth - mostly lantana - was present in between the trees.

600 meters. Same as before. The transect began roughly twenty meters from the Forest Department compound.

Notes

Whitecheeked barbets were heard and seen in great numbers throughout the transect and they were not recorded.

At 8:18 AM, I entered the lantana thicket.

Flying Birds:

FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Malabar Parakeet	No	8:06	Few	Lower than 30 meters
Common Myna	No	8:40	2	Lower than 30 meters
Common Myna	No	9:00	1	Lower than 30 meters
Flowerpecker (species uncertain)	No	9:12	1	Lower than 30 meters
Scarlet Minivet	No	9:22	2	Lower than 30 meters
I sighted one female minivet. I was not able to see the color (and hence the sex) of the other bird.				
Common Myna	No	9:28	3	Lower than 30 meters
Jungle Myna	No	9:28	2	Lower than 30 meters
Jungle Myna	No	9:54	2	Lower than 30 meters

Stationary Birds

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Jungle Babbler	No	8:22	Several	Between 10 and 19 meters	1
Jungle Babbler	No	8:30	2	Between 10 and 19 meters	1
Redwhiskered Bulbul	No	8:32	4	Between 10 and 19 meters	2

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Jungle Babbler	No	8:40	3	Between 10 and 19 meters	2
Jungle Babbler	No	8:58	6	Between 10 and 19 meters	1
Largebilled Crow	No	9:12	1	Between 20 and 49 meters	2
Jungle Myna	No	9:32	2	Between 20 and 49 meters	15
Jungle Myna	No	9:40	1	Between 20 and 49 meters	2

Heard Birds**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Greater Coucal	No	8:06	1	Between 20 and 49 meters
Black Drongo	No	8:06	1	Between 20 and 49 meters
Largebilled Crow	No	8:06	1	Between 10 and 19 meters
Blyth's Reed Warbler	No	8:06	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:06	1	Between 10 and 19 meters
Scarlet Minivet	No	8:06	1	Between 20 and 49 meters
Largebilled Crow	No	8:08	1	Not recorded
Redwhiskered Bulbul	No	8:10	Several	Between 20 and 49 meters
Greater Coucal	No	8:10	1	Not recorded
Blyth's Reed Warbler	No	8:10	1	Not recorded
Jungle Babbler	No	8:10	Several	Between 10 and 19 meters
Scarlet Minivet	No	8:12	1	Between 20 and 49 meters
Greater Coucal	No	8:12	1	Not recorded
Malabar Parakeet	No	8:12	1	Between 20 and 49 meters
Jungle Babbler	No	8:12	Several	Not recorded
Greater Coucal	No	8:14	2	Not recorded
Scarlet Minivet	No	8:16	2	Not recorded
Greater Coucal	No	8:16	2	Not recorded
Redwhiskered Bulbul	No	8:16	Several	Not recorded

The bulbuls were at all distances.

Malabar Parakeet	No	8:16	1	Between 20 and 49 meters
Jungle Babbler	No	8:18	Several	Not recorded
Redwhiskered Bulbul	No	8:18	Several	Not recorded
Largebilled Crow	No	8:20	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:20	Several	Not recorded

The bulbuls were at all distances.

Black Drongo	No	8:24	1	Between 20 and 49 meters
Jungle Babbler	No	8:26	Several	Between 20 and 49 meters
Black Drongo	No	8:26	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:26	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:28	Several	Far away, at an indeterminate distance
Jungle Babbler	No	8:28	Several	Between 10 and 19 meters
Largebilled Crow	No	8:28	1	Between 10 and 19 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Blyth's Reed Warbler	No	8:30	1	Between 20 and 49 meters
Jungle Babbler	No	8:30	Several	Not recorded
Largebilled Crow	No	8:30	1	Between 10 and 19 meters
Black Drongo	No	8:30	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:32	Several	Between 10 and 19 meters
Coppersmith Barbet	No	8:34	1	Between 20 and 49 meters
Largebilled Crow	No	8:34	1	Between 10 and 19 meters
Redvented Bulbul	No	8:34	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:34	1	Between 10 and 19 meters
Jungle Babbler	No	8:34	1	Between 20 and 49 meters
Common Iora	No	8:36	1	Between 20 and 49 meters
Redvented Bulbul	No	8:36	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:38	1	Between 10 and 19 meters
Largebilled Crow	No	8:38	1	Between 10 and 19 meters
Redvented Bulbul	No	8:40	1	Between 10 and 19 meters
Jungle Babbler	No	8:40	1	Between 10 and 19 meters
Greater Coucal	No	8:40	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:40	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:42	1	Between 20 and 49 meters
Largebilled Crow	No	8:44	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:44	Several	Between 10 and 19 meters
Jungle Babbler	No	8:44	Several	Between 10 and 19 meters
Oriental White-eye	No	8:44	1	Between 10 and 19 meters
Jungle Babbler	No	8:46	Several	Between 10 and 19 meters
Largebilled Crow	No	8:46	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:46	1	Between 10 and 19 meters
Spotted Dove	No	8:48	1	Between 20 and 49 meters
Largebilled Crow	No	8:48	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:48	1	Between 10 and 19 meters
Coppersmith Barbet	No	8:50	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	8:50	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:50	Several	Between 10 and 19 meters
Jungle Babbler	No	8:50	Several	Between 10 and 19 meters
Coppersmith Barbet	No	8:50	2	Between 20 and 49 meters
Spotted Dove	No	8:50	1	Between 20 and 49 meters
Greater Coucal	No	8:52	2	Between 20 and 49 meters
Largebilled Crow	No	8:54	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:54	Several	Between 10 and 19 meters
Jungle Babbler	No	8:54	1	Between 10 and 19 meters
Coppersmith Barbet	No	8:54	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:56	2	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:56	Several	Between 10 and 19 meters
Jungle Babbler	No	8:58	Several	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Coppersmith Barbet	No	8:58	2	Between 20 and 49 meters
Largebilled Crow	No	9:00	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:00	1	Between 10 and 19 meters
Jungle Babbler	No	9:00	Several	Between 10 and 19 meters
Coppersmith Barbet	No	9:02	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	9:02	1	Between 20 and 49 meters
Myna (species uncertain)	No	9:02	2	Between 20 and 49 meters

I saw two mynas (species uncertain).

Jungle Babbler	No	9:06	1	Between 20 and 49 meters
Largebilled Crow	No	9:06	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:06	Several	Between 20 and 49 meters
Largebilled Crow	No	9:09	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:09	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:09	1	Between 20 and 49 meters
Eurasian Hoopoe	No	9:09	1	Between 20 and 49 meters
Greater Coucal	No	9:10	1	Between 20 and 49 meters
Common Myna	No	9:10	1	Between 20 and 49 meters
Eurasian Hoopoe	No	9:10	1	Between 10 and 19 meters
Greater Coucal	No	9:12	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:12	1	Between 20 and 49 meters
Common Myna	No	9:12	1	Between 20 and 49 meters
Eurasian Hoopoe	No	9:12	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	9:12	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:12	Several	Between 20 and 49 meters
Spotted Dove	No	9:14	1	Between 20 and 49 meters
Greater Coucal	No	9:14	1	Between 20 and 49 meters
Eurasian Hoopoe	No	9:14	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:14	Several	Between 20 and 49 meters
Longbilled Sunbird	No	9:14	1	Between 20 and 49 meters
Myna (species uncertain)	No	9:16	1	Between 20 and 49 meters

I heard a myna (species uncertain).

Coppersmith Barbet	No	9:16	1	Between 20 and 49 meters
Eurasian Hoopoe	No	9:16	1	Between 20 and 49 meters
Eurasian Hoopoe	No	9:18	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:18	1	Between 20 and 49 meters
Common Iora	No	9:18	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:18	Several	Between 20 and 49 meters
Myna (species uncertain)	No	9:18	Several	Between 20 and 49 meters

I heard several mynas (species uncertain).

Greater Coucal	No	9:20	1	Between 20 and 49 meters
Common Myna	No	9:20	Several	Between 20 and 49 meters
Coppersmith Barbet	No	9:20	1	Between 20 and 49 meters
Common Iora	No	9:20	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Redwhiskered Bulbul	No	9:22	Several	Between 20 and 49 meters
Myna (species uncertain)	No	9:22	1	Between 20 and 49 meters
I heard one of the two mynas.				
Scarlet Minivet	No	9:22	1	Between 20 and 49 meters
Common Myna	No	9:24	1	Between 20 and 49 meters
Greater Coucal	No	9:24	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:24	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:24	Several	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:24	1	Between 20 and 49 meters
Myna (species uncertain)	No	9:26	Several	Between 20 and 49 meters
I heard mynas (species uncertain).				
Common Iora	No	9:26	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:26	Several	Between 10 and 19 meters
Scarlet Minivet	No	9:26	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:26	2	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:28	1	Between 10 and 19 meters
Scarlet Minivet	No	9:28	Several	Between 20 and 49 meters
Coppersmith Barbet	No	9:28	2	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:30	Several	Between 20 and 49 meters
Jungle Myna	No	9:32	2	Between 20 and 49 meters
Coppersmith Barbet	No	9:32	2	Between 20 and 49 meters
Scarlet Minivet	No	9:32	Several	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:34	Several	Between 10 and 19 meters
Scarlet Minivet	No	9:34	1	Between 20 and 49 meters
Tickell's Blue Flycatcher	No	9:36	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:36	Several	Between 10 and 19 meters
Blyth's Reed Warbler	No	9:36	1	Between 20 and 49 meters
Common Iora	No	9:36	1	Between 10 and 19 meters
Scarlet Minivet	No	9:36	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:36	1	Between 20 and 49 meters
Blyth's Reed Warbler	No	9:36	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:39	2	Between 20 and 49 meters
Blyth's Reed Warbler	No	9:39	1	Between 10 and 19 meters
Myna (species uncertain)	No	9:39	1	Between 20 and 49 meters
I heard a myna (species uncertain).				
Blyth's Reed Warbler	No	9:39	1	Between 10 and 19 meters
Greater Coucal	No	9:39	2	Between 20 and 49 meters
Scarlet Minivet	No	9:39	1	Between 10 and 19 meters
Greater Coucal	No	9:40	2	Between 20 and 49 meters
Scarlet Minivet	No	9:40	Several	Between 10 and 19 meters
Asian Paradise Flycatcher	No	9:40	1	Between 10 and 19 meters
Jungle Owlet	No	9:42	1	Between 20 and 49 meters
Scarlet Minivet	No	9:42	Several	Between 10 and 19 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Asian Paradise Flycatcher	No	9:42	1	Between 10 and 19 meters
Jungle Myna	No	9:42	Several	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:42	1	Between 10 and 19 meters
Jungle Myna	No	9:44	Several	Between 10 and 19 meters
Common Iora	No	9:44	1	Between 10 and 19 meters
Unknown	No	9:44	1	Between 20 and 49 meters

I heard a very fast call, "ti ti ti ti ti". The call was soft, high-pitched, and almost insect-like in tone. The call was repeated continuously with a few seconds break between runs.

Yellowbrowed Bulbul	No	9:46	1	Between 20 and 49 meters
Plain Flowerpecker	No	9:46	1	Between 20 and 49 meters
Common Iora	No	9:46	1	Between 10 and 19 meters
Spotted Dove	No	9:46	1	Between 10 and 19 meters
Yellowbrowed Bulbul	No	9:48	1	Between 10 and 19 meters
Common Iora	No	9:48	2	Between 10 and 19 meters
Jungle Myna	No	9:48	Several	Between 20 and 49 meters
Greater Coucal	No	9:50	1	Between 10 and 19 meters
Common Iora	No	9:50	2	Between 10 and 19 meters
Spotted Dove	No	9:50	1	Between 10 and 19 meters
Indian Scops Owl	No	9:50	1	Not recorded
Blyth's Reed Warbler	No	9:50	1	Between 10 and 19 meters
Spotted Dove	No	9:52	1	Between 10 and 19 meters

I heard the familiar "kroo kroo" call.

Unknown	No	9:52	1	Not recorded
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I heard a call "ke kee". The second of the two notes was disonant and at a lower pitch. The call consists of two notes of slightly different pitch together. The call was continuously repeated with a variable time gap between runs. The call had a round musical tone.

Flowerpecker (species uncertain)	No	9:54	1	Between 20 and 49 meters
Indian Scops Owl	No	9:54	1	Not recorded
Jungle Myna	No	9:54	Several	Between 20 and 49 meters
Whitebrowed Bulbul	No	9:58	2	Between 10 and 19 meters
Largebilled Crow	No	10:00	1	Between 20 and 49 meters
Coppersmith Barbet	No	10:00	2	Between 20 and 49 meters
Unknown	No	10:00	1	Not recorded

I heard an insistent call "hoo (or he) hoo hoo hoo hoo", that had a whistling, musical tone. The call was fast and continuously repeated with a few seconds break between runs. The call was always repeated the same way. The call was reminiscent of (but definitely not produced by) a common iora.

Common Iora	No	10:00	1	Between 20 and 49 meters
Spotted Dove	No	10:02	1	Between 10 and 19 meters
Common Iora	No	10:02	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	10:04	1	Between 10 and 19 meters
Common Iora	No	10:04	2	Between 10 and 19 meters
Whitebrowed Bulbul	No	10:04	1	Between 10 and 19 meters
Greater Coucal	No	10:04	1	Between 20 and 49 meters

Transect 15 **Locality** Secondary growth near forest office in Semmedu
Date , April 17, 1999 **Weather** Hot, sunny, only a few clouds in the sky, and still.
Start Time 8:03 AM **Transect Direction** 0
Stop Time 10:03 AM **Altitude** 1210

Area Description

This is a repeat of the transect conducted the day before. This transect took place in the secondary forest and scrub immediately upslope of the Forest Department compound in Semmedu. Although, in general, the transect went directly north, the trail meandered a bit. Consequently, the distance covered in the transect is longer than the straight line distance between the transect endpoints. The vegetation observations begin where the avian observations end, so the order of the two is reversed.

Vegetation and General Description

0 meters. The transect ended in extremely heavily cut shola. Although a few tall trees were present, the vegetation consisted almost entirely of tall (some over two meters in height) undergrowth. The undergrowth was a mixture of lantana, evergreen plants, and deciduous plants. No canopy was present in most places.
 170 meters. The transect left the heavily cut shola and entered secondary growth (which consisted almost entirely of lantana and other shrubs). Large patches of bare rock were interspersed with the vegetation. The area was very dry.

500 meters. Silveroak plantation in which the trees were widely spaced. A fair amount of undergrowth - mostly lantana - was present in between the trees.

600 meters. Same as before. The transect began roughly twenty meters from the Forest Department compound.

Notes

Whitecheeked barbets were heard and seen in great numbers throughout the transect and they were not recorded.

Flying Birds:**FLYING BIRDS**

Species	Uncertain ID?	Time	Number	Height
Flowerpecker (species uncertain)	No	8:17	1	Lower than 30 meters
Rufous Tree Pie	No	8:21	1	Lower than 30 meters
Jungle Myna	No	9:03	2	Lower than 30 meters
Plumheaded Parakeet	No	9:03	1	Lower than 30 meters
Largebilled Crow	No	9:05	1	Lower than 30 meters
Jungle Myna	No	9:05	2	Lower than 30 meters

Stationary Birds**STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Jungle Babbler	No	8:03	2	Between 10 and 19 meters	10
Unknown	No	8:37	1	Between 20 and 49 meters	0

I quickly saw a robin-sized brown bird in the undergrowth. The bird did not fly away when I came close - it merely moved further into the lantana bush in which it was standing. The bird was a ground forager. It was emitting a continuous call, "tree tree tree tree", that was high and reedy. The call was somewhat reminiscent of a whitebrowed bulbul. I have heard this call often so this is a common bird.

Redwhiskered Bulbul	No	8:55	1	Between 10 and 19 meters	2
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STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Jungle Myna	No	9:05	1	Between 20 and 49 meters	15
Jungle Myna	No	9:15	1	Between 10 and 19 meters	5
Yellowbrowed Bulbul	No	9:31	2	Between 10 and 19 meters	2

Heard Birds**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Scarlet Minivet	No	8:03	1	Between 10 and 19 meters
Black Drongo	No	8:03	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:03	Several	Between 10 and 19 meters
Jungle Babbler	No	8:05	2	Between 10 and 19 meters
Redvented Bulbul	No	8:05	1	Between 10 and 19 meters
Oriental Magpie Robin	No	8:05	1	Between 20 and 49 meters
Black Drongo	No	8:05	1	Between 10 and 19 meters
Oriental White-eye	No	8:05	Several	Between 20 and 49 meters
Greater Coucal	No	8:05	1	Between 20 and 49 meters
Jungle Babbler	No	8:07	Several	Between 20 and 49 meters
Redvented Bulbul	No	8:07	1	Between 20 and 49 meters
Black Drongo	No	8:07	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:07	Several	Between 20 and 49 meters
Greater Coucal	No	8:07	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:09	Several	Between 20 and 49 meters
Eurasian Hoopoe	No	8:09	1	Between 20 and 49 meters
Jungle Babbler	No	8:09	Several	Between 10 and 19 meters
Greater Coucal	No	8:09	1	Between 20 and 49 meters
Scarlet Minivet	No	8:09	Several	Between 20 and 49 meters
Jungle Babbler	No	8:11	Several	Between 20 and 49 meters
Largebilled Crow	No	8:11	1	Between 10 and 19 meters
Greater Coucal	No	8:11	1	Between 10 and 19 meters
Eurasian Hoopoe	No	8:11	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:11	Several	Between 20 and 49 meters
Plumheaded Parakeet	No	8:13	1	Between 20 and 49 meters
Eurasian Hoopoe	No	8:13	1	Between 20 and 49 meters
Common Iora	No	8:13	2	Between 20 and 49 meters
Largebilled Crow	No	8:13	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:13	Several	Between 20 and 49 meters
Unknown	No	8:15	1	Between 20 and 49 meters

I heard a continuously repeated call, "tuk tuk", that was reminiscent in tone to the call of a coppersmith. However, in this call, the second "tuk" was longer in length than the first.

Jungle Babbler	No	8:17	Several	Between 10 and 19 meters
Redvented Bulbul	No	8:17	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:17	Several	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Blyth's Reed Warbler	No	8:17	1	Between 10 and 19 meters
Scarlet Minivet	No	8:17	1	Between 20 and 49 meters
Brown Shrike	No	8:19	1	Between 20 and 49 meters
Jungle Babbler	No	8:19	1	Between 10 and 19 meters
Indian Scimitar Babbler	No	8:19	2	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:21	Several	Between 20 and 49 meters
Unknown	No	8:21	1	Between 20 and 49 meters
The bird first heard at 8:15 was heard again.				
Largebilled Crow	No	8:21	1	Between 10 and 19 meters
Brown Shrike	No	8:21	1	Between 10 and 19 meters
Jungle Babbler	No	8:21	Several	Between 10 and 19 meters
Black Drongo	No	8:25	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:25	Several	Between 20 and 49 meters
Largebilled Crow	No	8:25	1	Between 10 and 19 meters
Eurasian Hoopoe	No	8:25	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	8:27	1	Between 20 and 49 meters
Oriental Magpie Robin	No	8:27	1	Between 20 and 49 meters
Blyth's Reed Warbler	No	8:27	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:27	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:29	Several	Between 20 and 49 meters
Indian Scimitar Babbler	No	8:29	1	Between 20 and 49 meters
Indian Scimitar Babbler	No	8:31	2	Between 20 and 49 meters
Plain Flowerpecker	No	8:31	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:31	Several	Between 10 and 19 meters
Blyth's Reed Warbler	No	8:31	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	8:31	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:31	1	Between 20 and 49 meters
Malabar Parakeet	No	8:43	1	Between 20 and 49 meters
Common Iora	No	8:43	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:45	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:45	Several	Between 10 and 19 meters
Whitebrowed Bulbul	No	8:45	1	Between 20 and 49 meters
Malabar Parakeet	No	8:45	1	Between 20 and 49 meters
Plain Flowerpecker	No	8:47	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:47	2	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	8:47	Several	Between 20 and 49 meters
Largebilled Crow	No	8:47	1	Between 10 and 19 meters
Blyth's Reed Warbler	No	8:47	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	8:49	1	Between 10 and 19 meters
Unknown	No	8:49	1	Not recorded

I heard a fast call, "he he he he he", that had a hollow, whistling, and musical quality. The whole call was completed in under two seconds and was continuously repeated, always the same way.

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Whitebrowed Bulbul	No	8:49	1	Between 10 and 19 meters
Greater Coucal	No	8:49	1	Far away, at an indeterminate distance
Coppersmith Barbet	No	8:51	2	Far away, at an indeterminate distance
Flowerpecker (species uncertain)	No	8:51	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:51	1	Between 10 and 19 meters
Eurasian Hoopoe	No	8:53	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	8:53	1	Between 10 and 19 meters
Largebilled Crow	No	8:53	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	8:53	1	Between 10 and 19 meters
Greater Coucal	No	8:55	1	Far away, at an indeterminate distance
Whitebrowed Bulbul	No	8:55	1	Between 5 and 9 meters
Common Iora	No	8:57	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	8:57	Several	Between 20 and 49 meters
Jungle Myna	No	8:59	1	Between 10 and 19 meters
Indian Scimitar Babbler	No	8:59	2	Between 5 and 9 meters
Common Iora	No	8:59	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:01	2	Far away, at an indeterminate distance
Myna (species uncertain)	No	9:01	1	Between 10 and 19 meters
I heard either a jungle or common myna.				
Whitebrowed Bulbul	No	9:01	1	Between 10 and 19 meters
Common Iora	No	9:01	1	Between 10 and 19 meters
Greater Coucal	No	9:01	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:03	1	Between 20 and 49 meters
Common Iora	No	9:03	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:03	1	Not recorded
Greater Coucal	No	9:03	1	Between 20 and 49 meters
Scarlet Minivet	No	9:05	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:05	1	Between 20 and 49 meters
Scarlet Minivet	No	9:09	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:09	Several	Far away, at an indeterminate distance
Eurasian Hoopoe	No	9:09	1	Between 20 and 49 meters
Jungle Myna	No	9:11	Several	Between 20 and 49 meters
Scarlet Minivet	No	9:11	Several	Between 20 and 49 meters
Greater Coucal	No	9:11	1	Between 20 and 49 meters
Whitebreasted Waterhen	No	9:13	1	Far away, at an indeterminate distance
Common Tailorbird	No	9:13	1	Between 20 and 49 meters
Jungle Myna	No	9:13	Several	Between 20 and 49 meters
Scarlet Minivet	No	9:13	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:13	1	Between 20 and 49 meters
Common Tailorbird	No	9:15	1	Not recorded
Whitebrowed Bulbul	No	9:15	1	Between 10 and 19 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Coppersmith Barbet	No	9:15	1	Far away, at an indeterminate distance
Yellowbrowed Bulbul	No	9:17	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:17	Several	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:19	1	Between 10 and 19 meters
Common Iora	No	9:19	1	Between 20 and 49 meters
Jungle Myna	No	9:19	Several	Between 10 and 19 meters
Indian Scops Owl	No	9:19	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:19	1	Between 10 and 19 meters
Common Iora	No	9:29	1	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	9:29	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:29	Several	Not recorded

The bulbuls were at all distances.

Jungle Myna	No	9:29	Several	Between 10 and 19 meters
Coppersmith Barbet	No	9:29	Several	Far away, at an indeterminate distance
Greater Coucal	No	9:29	1	Between 20 and 49 meters
Common Iora	No	9:31	2	Between 20 and 49 meters
Jungle Myna	No	9:31	Several	Between 10 and 19 meters
Tickell's Blue Flycatcher	No	9:31	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:31	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:33	2	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:33	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:33	Several	Between 20 and 49 meters
Jungle Myna	No	9:33	Several	Between 10 and 19 meters
Coppersmith Barbet	No	9:35	2	Between 20 and 49 meters
Common Iora	No	9:35	2	Between 20 and 49 meters
Scarlet Minivet	No	9:35	1	Between 10 and 19 meters
Greater Coucal	No	9:35	1	Between 20 and 49 meters
Jungle Myna	No	9:35	Several	Between 10 and 19 meters
Unknown	No	9:35	1	Between 20 and 49 meters

I heard that "he he he he he" call that I first heard at 8:49.

Flowerpecker (species uncertain)	No	9:39	1	Between 20 and 49 meters
Common Iora	No	9:39	1	Between 10 and 19 meters
Jungle Myna	No	9:39	Several	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:41	1	Between 10 and 19 meters
Blyth's Reed Warbler	No	9:41	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:41	Several	Between 20 and 49 meters
Common Iora	No	9:41	Several	Between 20 and 49 meters
Unknown	No	9:41	2	Between 10 and 19 meters

I heard that "he he" call that I first heard at 8:49. At times, one bird was echoing the other.

Browncheeked Fulvetta	No	9:43	1	Between 10 and 19 meters
Spotted Dove	No	9:43	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Brown Shrike	No	9:43	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:43	1	Between 10 and 19 meters
Common Iora	No	9:43	1	Between 20 and 49 meters
Jungle Myna	No	9:43	Several	Between 10 and 19 meters
Jungle Myna	No	9:45	Several	Between 10 and 19 meters
Spotted Dove	No	9:45	1	Between 20 and 49 meters
Plain Flowerpecker	No	9:45	1	Between 10 and 19 meters
Yellowbrowed Bulbul	No	9:45	Several	Between 20 and 49 meters
Yellowbrowed Bulbul	No	9:47	1	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	9:47	2	Between 10 and 19 meters
Asian Paradise Flycatcher	No	9:47	1	Between 10 and 19 meters
Myna (species uncertain)	No	9:47	Several	Between 10 and 19 meters
I either heard jungle or common mynas.				
Redwhiskered Bulbul	No	9:47	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:47	1	Between 20 and 49 meters
Spotted Dove	No	9:47	1	Between 10 and 19 meters
Velvetfronted Nuthatch	No	9:47	1	Between 20 and 49 meters
Browncheeked Fulvetta	No	9:47	1	Between 10 and 19 meters
Scarlet Minivet	No	9:47	1	Between 20 and 49 meters
Spotted Dove	No	9:49	1	Between 10 and 19 meters
Unknown	No	9:49	1	Between 10 and 19 meters
I heard that unknown "he he he he" call that I first heard at 8:49.				
Oriental Magpie Robin	No	9:49	1	Between 20 and 49 meters
Plain Flowerpecker	No	9:49	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:49	1	Between 10 and 19 meters
Blyth's Reed Warbler	No	9:49	1	Between 5 and 9 meters
Coppersmith Barbet	No	9:49	2	Between 20 and 49 meters
Coppersmith Barbet	No	9:49	2	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	9:51	Several	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:51	1	Between 20 and 49 meters
Plain Flowerpecker	No	9:51	1	Between 20 and 49 meters
Greater Coucal	No	9:51	1	Far away, at an indeterminate distance
Largebilled Crow	No	9:53	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:53	1	Between 10 and 19 meters
Asian Paradise Flycatcher	No	9:53	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:55	1	Between 10 and 19 meters
Jungle Myna	No	9:55	1	Between 20 and 49 meters
Rufous Babbler	No	9:55	1	Between 10 and 19 meters
Common Iora	No	9:55	Several	Between 20 and 49 meters
Yellowbrowed Bulbul	No	9:57	Several	Between 10 and 19 meters
Jungle Myna	No	9:57	Several	Between 10 and 19 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Redwhiskered Bulbul	No	9:57	1	Between 10 and 19 meters
Spotted Dove	No	9:57	2	Between 20 and 49 meters
Jungle Myna	No	10:01	Several	Between 20 and 49 meters
Scarlet Minivet	No	10:01	Several	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	10:01	1	Between 20 and 49 meters
Spotted Dove	No	10:01	1	Between 10 and 19 meters

Transect 16 **Locality** Cultivation immediately south of FRLHT shola
Date , April 24, 1999 **Weather** Hot, sunny, clear sky, and windless
Start Time 7:57 AM **Transect Direction** 230
Stop Time 9:57 AM **Altitude** 1170

Area Description

This transect took place in the area immediately south of the FRLHT medicinal plant shola. In this area, there was a large (by Kolli Hills standards) and mature silveroak/pepper/coffee plantation bordering the shola. To the south of the plantation was scrub as well as some tapioca and pineapple. The vegetation observations begin where the avian observations end, so the order of the two is reversed.

Vegetation and General Description

0 meters. This area was in tapioca and pineapple cultivation. A few scattered silveroak and jack trees were present. The edge of the shola was about twenty meters to the west.

50 meters. This area was fallow land. A few silveroak trees were present. The edge of the shola was about thirty meters to the west. The transect was passing over into an area that contained only lantana.

100 meters. This area was entirely covered in lantana. A few silveroak trees were present.

110 meters. This area was fallow land. The vegetation was lantana and short weedy species.

210 meters. At this point, the transect was on the edge of a mature silveroak/pepper/coffee plantation. There were also some banana trees present.

540 meters. This transect endpoint was on the edge between the FRLHT shola and the plantation.

Notes

Whitecheeked barbets were heard and seen in great numbers throughout the transect and they were not recorded.

From 8:19 to 8:25 AM, I had difficulty hearing calls because of a motor that was running close by.

Flying Birds:

FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Unknown	No	7:57	Several	Higher than 30 meters
I sighted a large swarm of swifts flying high above.				
Bronzed Drongo	No	9:03	1	Lower than 30 meters

Stationary Birds

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Largebilled Crow	No	7:59	1	Between 20 and 49 meters	15
Unknown	No	8:37	1	Between 10 and 19 meters	0

A bird that had been sitting on the ground, flew quickly off as I approached. I only got a quick look at the bird. All that I could see was that the bird was brown. Very shortly after, I heard a call that I think was made by this bird. I heard harsh jungle babbler-like squeaks, but this call was definitely not made by that babbler. The call was made for about ten seconds and then it stopped, only to restart two minutes later.

Rufous Tree Pie	No	8:49	2	Between 20 and 49 meters	15
Redvented Bulbul	No	8:51	2	Between 20 and 49 meters	15
Jungle Babbler	No	9:11	10	Between 20 and 49 meters	1
Brown Shrike	No	9:25	1	Between 20 and 49 meters	1

Heard Birds

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Greenish Warbler	No	7:57	2	Between 20 and 49 meters
Eurasian Hoopoe	No	7:57	2	Between 20 and 49 meters
Greater Coucal	No	7:57	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	7:57	Several	Between 10 and 19 meters
Oriental White-eye	No	7:57	1	Between 10 and 19 meters
Rufous Tree Pie	No	7:57	1	Between 20 and 49 meters
Coppersmith Barbet	No	7:59	1	Between 20 and 49 meters
Oriental White-eye	No	7:59	1	Between 10 and 19 meters
Malabar Whistling Thrush	No	7:59	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	7:59	Several	Between 10 and 19 meters
Common Iora	No	7:59	1	Between 20 and 49 meters
Eurasian Hoopoe	No	8:01	2	Between 20 and 49 meters
Oriental White-eye	No	8:01	1	Between 10 and 19 meters
Greater Coucal	No	8:01	1	Between 20 and 49 meters
Unknown	No	8:01	1	Between 20 and 49 meters

I heard a call, "whee pioou", that had a common iora-like tone. The last "pioou" descended down the musical scale. I would have guessed that this bird was a common iora except that this call was repeated continuously for an extended duration. There was a short break (1 to 2 seconds) between the repeats (which were all identical).

Oriental White-eye	No	8:01	1	Between 10 and 19 meters
Greater Coucal	No	8:01	1	Between 20 and 49 meters
Malabar Whistling Thrush	No	8:01	1	Between 20 and 49 meters
Largebilled Crow	No	8:01	1	Between 10 and 19 meters
Unknown	No	8:05	2	Not recorded

I heard the unknown, whistling call that I first heard four minutes earlier. The birds seemed to be echoing each other.

Eurasian Hoopoe	No	8:05	1	Between 20 and 49 meters
Largebilled Crow	No	8:05	1	Between 5 and 9 meters
Whitebreasted Waterhen	No	8:05	1	Between 20 and 49 meters

I heard a sharp laugh-like call, "hi hi haa".

Oriental Magpie Robin	No	8:07	1	Between 20 and 49 meters
Unknown	No	8:09	1	Between 20 and 49 meters

I heard that unknown call that I first heard at 8:01.

Unknown	No	8:09	1	Between 20 and 49 meters
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I heard a very harsh, loud, and sharp squawking. I had never heard such a harsh call. The call was made once and not repeated. I had heard the same squawk fifteen minutes earlier.

Scarlet Minivet	No	8:09	Several	Between 20 and 49 meters
Goldenfronted Leafbird	No	8:11	1	Between 10 and 19 meters
Malabar Whistling Thrush	No	8:11	1	Between 20 and 49 meters
Eurasian Hoopoe	No	8:11	1	Between 10 and 19 meters
Greenish Warbler	No	8:11	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:11	Several	Between 20 and 49 meters
Greenish Warbler	No	8:13	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Scarlet Minivet	No	8:13	Several	Between 10 and 19 meters
Black Drongo	No	8:13	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:13	Several	Between 10 and 19 meters
Largebilled Leaf Warbler	No	8:15	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:17	1	Between 10 and 19 meters
Black Drongo	No	8:17	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:17	1	Between 10 and 19 meters
Brown Shrike	No	8:17	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:17	1	Between 20 and 49 meters
Black Drongo	No	8:17	1	Between 20 and 49 meters
Unknown	No	8:17	2	Between 20 and 49 meters

I heard the call that I first heard at 8:01

Largebilled Leaf Warbler	No	8:17	1	Between 20 and 49 meters
Largebilled Crow	No	8:17	1	Between 10 and 19 meters
Malabar Whistling Thrush	No	8:21	1	Between 20 and 49 meters
Brown Shrike	No	8:21	1	Between 20 and 49 meters
Redvented Bulbul	No	8:21	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:21	Several	Between 20 and 49 meters
Coppersmith Barbet	No	8:21	1	Between 20 and 49 meters
Redvented Bulbul	No	8:24	1	Between 20 and 49 meters
Black Drongo	No	8:24	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:24	Several	Between 20 and 49 meters
Redvented Bulbul	No	8:25	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:25	Several	Between 20 and 49 meters
Brown Shrike	No	8:25	1	Between 20 and 49 meters
Indian Scimitar Babbler	No	8:25	1	Between 20 and 49 meters
Malabar Whistling Thrush	No	8:27	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:27	1	Between 20 and 49 meters
Common Iora	No	8:27	1	Between 20 and 49 meters
Redvented Bulbul	No	8:29	1	Between 10 and 19 meters
Unknown	No	8:29	1	Between 20 and 49 meters

I heard the unknown call that I first heard at 8:01.

Bluewinged Leafbird	No	8:29	1	Between 20 and 49 meters
Black Drongo	No	8:29	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:31	1	Between 20 and 49 meters
Redvented Bulbul	No	8:31	1	Between 10 and 19 meters
Goldenfronted Leafbird	No	8:31	1	Between 20 and 49 meters
Scarlet Minivet	No	8:31	1	Between 20 and 49 meters
Indian Scimitar Babbler	No	8:31	1	Between 20 and 49 meters
Redvented Bulbul	No	8:33	1	Between 20 and 49 meters
Indian Scimitar Babbler	No	8:33	1	Between 20 and 49 meters
Common Iora	No	8:33	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:33	Several	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Common Iora	No	8:35	5	Between 20 and 49 meters
Black Drongo	No	8:35	1	Between 20 and 49 meters
Indian Scimitar Babbler	No	8:35	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:35	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:39	Several	Between 20 and 49 meters
Black Drongo	No	8:39	1	Between 10 and 19 meters
Indian Scimitar Babbler	No	8:39	1	Between 20 and 49 meters
Unknown	No	8:39	1	Between 20 and 49 meters

I heard the unknown call that I first heard at 8:01.

Eurasian Hoopoe	No	8:41	1	Between 20 and 49 meters
Redvented Bulbul	No	8:41	1	Between 10 and 19 meters
Coppersmith Barbet	No	8:41	1	Between 20 and 49 meters
Unknown	No	8:41	1	Between 20 and 49 meters

I heard the unknown call that I first heard at 8:01.

Indian Scimitar Babbler	No	8:43	1	Between 20 and 49 meters
Scarlet Minivet	No	8:43	1	Between 20 and 49 meters
Eurasian Hoopoe	No	8:43	1	Between 20 and 49 meters
Greenish Warbler	No	8:43	1	Between 10 and 19 meters
Largebilled Crow	No	8:43	1	Between 10 and 19 meters
Indian Scimitar Babbler	No	8:45	1	Between 20 and 49 meters
Greenish Warbler	No	8:45	1	Between 10 and 19 meters
Unknown	No	8:45	Several	Between 20 and 49 meters

I heard the unknown call that I first heard at 8:01.

Black Drongo	No	8:45	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:45	1	Between 20 and 49 meters
Goldenfronted Leafbird	No	8:47	2	Between 10 and 19 meters
Indian Scimitar Babbler	No	8:47	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:47	Several	Between 10 and 19 meters
Unknown	No	8:47	1	Between 20 and 49 meters

I heard the unknown call that I first heard at 8:01.

Malabar Whistling Thrush	No	8:47	1	Between 10 and 19 meters
Greater Coucal	No	8:47	1	Between 20 and 49 meters
Unknown	No	8:47	1	Not recorded

I heard "that thready reedy continuous 'tree' coming from the ground".

Coppersmith Barbet	No	8:49	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	8:49	1	Between 10 and 19 meters
Greater Coucal	No	8:49	2	Between 20 and 49 meters
Black Drongo	No	8:51	1	Between 20 and 49 meters
Greater Coucal	No	8:53	1	Between 20 and 49 meters
Redvented Bulbul	No	8:53	1	Between 20 and 49 meters
Greenish Warbler	No	8:53	1	Between 20 and 49 meters
Redvented Bulbul	No	8:53	Several	Between 10 and 19 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Unknown	No	8:53	1	Between 20 and 49 meters
I heard the unknown call that I first heard at 8:01.				
Black Drongo	No	8:53	1	Between 20 and 49 meters
Unknown	No	8:55	1	Between 10 and 19 meters
I heard a chirring rattle followed by the characteristic call of the greenish warbler. The call was about three or four seconds in length and was continuously repeated.				
Flowerpecker (species uncertain)	No	8:57	1	Between 10 and 19 meters
Redvented Bulbul	No	8:57	1	Between 10 and 19 meters
Coppersmith Barbet	No	8:57	1	Between 10 and 19 meters
Black Drongo	No	8:57	1	Between 10 and 19 meters
Largebilled Crow	No	8:57	1	Between 20 and 49 meters
Greenish Warbler	No	8:57	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:59	Several	Between 10 and 19 meters
Unknown	No	8:59	1	Between 20 and 49 meters
I heard "that unknown 'tree'-like thing".				
Redvented Bulbul	No	8:59	1	Between 10 and 19 meters
Brown Shrike	No	8:59	1	Between 20 and 49 meters
Unknown	No	8:59	1	Between 20 and 49 meters
I heard the unknown call that I first heard at 8:01. The call continued for several minutes continuously.				
Coppersmith Barbet	No	9:01	1	Between 20 and 49 meters
Black Drongo	No	9:01	1	Between 20 and 49 meters
Greater Coucal	No	9:03	2	Between 20 and 49 meters
Largebilled Crow	No	9:03	2	Between 10 and 19 meters
Scarlet Minivet	No	9:03	Several	Between 10 and 19 meters
Coppersmith Barbet	No	9:03	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:05	Several	Between 20 and 49 meters
Greater Coucal	No	9:05	2	Between 20 and 49 meters
Largebilled Crow	No	9:05	1	Between 10 and 19 meters
Eurasian Hoopoe	No	9:05	1	Between 20 and 49 meters
Eurasian Hoopoe	No	9:07	2	Between 20 and 49 meters
Jungle Babbler	No	9:07	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:07	1	Between 20 and 49 meters
Longbilled Sunbird	No	9:07	1	Between 10 and 19 meters
Greenish Warbler	No	9:11	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:13	1	Between 20 and 49 meters
Largebilled Leaf Warbler	No	9:13	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:13	Several	Between 20 and 49 meters
Coppersmith Barbet	No	9:15	1	Between 20 and 49 meters
Largebilled Crow	No	9:15	2	Between 20 and 49 meters
Unknown	No	9:15	1	Between 10 and 19 meters
I heard the unknown call that I first heard at 8:01.				
Redwhiskered Bulbul	No	9:15	Several	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Eurasian Hoopoe	No	9:15	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:17	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:17	Several	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	9:17	1	Between 20 and 49 meters
Blyth's Reed Warbler	No	9:17	1	Between 10 and 19 meters
Eurasian Hoopoe	No	9:19	1	Between 20 and 49 meters
Blyth's Reed Warbler	No	9:19	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:19	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:21	Several	Between 20 and 49 meters
Coppersmith Barbet	No	9:21	1	Between 20 and 49 meters
Unknown	No	9:21	2	Between 20 and 49 meters

I heard "that 'tree' thing". The call continued for several minutes.

Redwhiskered Bulbul	No	9:23	Several	Between 20 and 49 meters
Coppersmith Barbet	No	9:23	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:25	Several	Between 20 and 49 meters
Coppersmith Barbet	No	9:25	1	Between 20 and 49 meters
Largebilled Crow	No	9:29	1	Between 20 and 49 meters
Unknown	No	9:29	2	Between 20 and 49 meters

I heard the unknown call that I first heard at 8:01.

Largebilled Leaf Warbler	No	9:29	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	9:29	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:29	Several	Between 20 and 49 meters
Coppersmith Barbet	No	9:29	1	Between 20 and 49 meters
Redvented Bulbul	No	9:29	1	Between 10 and 19 meters
Indian Scimitar Babbler	No	9:33	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:33	2	Between 20 and 49 meters
Brown Shrike	No	9:33	1	Between 20 and 49 meters
Redvented Bulbul	No	9:33	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:35	3	Between 20 and 49 meters
Redvented Bulbul	No	9:35	2	Between 10 and 19 meters
Common Iora	No	9:35	1	Between 20 and 49 meters
Unknown	No	9:37	1	Not recorded

I heard a fast, soft, and whistling call that consisted of five or six fast "hoo"s followed by a "chirr". All of the "hoo"s were identical.

Whitebrowed Bulbul	No	9:37	1	Between 20 and 49 meters
Brown Shrike	No	9:41	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:41	2	Between 20 and 49 meters
Whitebrowed Bulbul	No	9:41	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:43	Several	Between 10 and 19 meters
Redvented Bulbul	No	9:43	1	Between 10 and 19 meters
Common Iora	No	9:43	1	Between 10 and 19 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Redwhiskered Bulbul	No	9:49	Several	Between 10 and 19 meters
Unknown	No	9:49	1	Between 20 and 49 meters
I heard the unknown call that I first heard at 8:01.				
Whitebrowed Bulbul	No	9:53	1	Between 20 and 49 meters
Common Iora	No	9:53	1	Between 20 and 49 meters
Blyth's Reed Warbler	No	9:57	1	Between 20 and 49 meters
Unknown	No	9:57	1	Between 10 and 19 meters

I heard that "'tree' thing".

Transect 17 **Locality** Rice field one kilometer north of Semmedu
Date , April 25, 1999 **Weather** Hot, sunny, slight breeze, high and thin cloud cover
Start Time 8:06 AM **Transect Direction** 330
Stop Time 10:06 AM **Altitude** 1105

Area Description

This transect took place in the large rice field one kilometer north of Semmedu. One kilometer north of Semmedu, the road forks and the east fork leads to the Arappalishvara Temple. A large rice field bordered this temple road for the first two kilometers of the latter's length. The paddy was south of the road.

Vegetation and General Description

The paddy was fairly wide - roughly fifty meters in width. On either side of the paddy, cultivation was present, largely banana and tapioca. A few relict shola trees were present along the edge of the paddy. The rice itself was quite tall and above knee-height.

Notes

At 9:04, the transect turned to 240 degrees, as it followed the rice paddy.

Flying Birds:

FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Common Myna	No	8:10	1	Lower than 30 meters
Common Kestrel	No	8:14	1	Lower than 30 meters
Indian Pond Heron	No	8:26	1	Lower than 30 meters
Redwhiskered Bulbul	No	8:26	2	Lower than 30 meters
Redwhiskered Bulbul	No	8:30	2	Lower than 30 meters
Largebilled Crow	No	8:54	1	Lower than 30 meters
Indian Pond Heron	No	8:56	1	Lower than 30 meters
Whitebreasted Waterhen	No	9:02	1	Lower than 30 meters

As I walked, I flushed a bird out of the paddy. The bird was dark and had a red body. The bird flew a bit and then landed back in the paddy. The bird looked reminiscent of an Indian pond heron, but it obviously was not that bird. I saw the bird only very briefly.

Black Drongo	No	9:02	1	Lower than 30 meters
Indian Pond Heron	No	9:08	1	Lower than 30 meters
Indian Pond Heron	No	9:12	1	Lower than 30 meters
Unknown	No	9:14	1	Lower than 30 meters

I sighted a glossy dark brown bird that was homogenous in color. The bird flew over paddy and landed in a tree, 20 meters up, adjacent to the paddy.

Myna (species uncertain)	No	9:22	3	Lower than 30 meters
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I sighted three mynas (species uncertain).

Largebilled Crow	No	9:22	1	Higher than 30 meters
Indian Pond Heron	No	9:28	1	Lower than 30 meters
Myna (species uncertain)	No	9:36	2	Lower than 30 meters

I saw either jungle or common mynas.

Largebilled Crow	No	9:42	1	Lower than 30 meters
Ashy Wood Swallow	No	10:00	2	Lower than 30 meters

Stationary Birds

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Black Drongo	No	8:10	Several	Between 20 and 49 meters	10
Largebilled Crow	No	8:14	1	Between 20 and 49 meters	15
Common Myna	No	8:14	1	Between 20 and 49 meters	20
Whitebreasted Waterhen	No	8:22	1	Between 10 and 19 meters	0
Common Myna	No	8:30	1	Between 10 and 19 meters	20
Indian Pond Heron	No	8:42	1	Between 10 and 19 meters	0
Indian Pond Heron	No	8:44	1	Between 20 and 49 meters	0
Indian Pond Heron	No	9:08	1	Between 20 and 49 meters	0
Indian Pond Heron	No	9:10	1	Between 20 and 49 meters	10
Largebilled Crow	No	9:26	1	Between 20 and 49 meters	10
Indian Pond Heron	No	9:34	1	Between 20 and 49 meters	20
Indian Pond Heron	No	9:46	1	Between 20 and 49 meters	0

Heard Birds**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Yellowbilled Babbler	No	8:06	Several	Between 20 and 49 meters
Oriental Magpie Robin	No	8:06	1	Between 20 and 49 meters
Jungle Babbler	No	8:06	Several	Between 20 and 49 meters
Largebilled Crow	No	8:06	3	Between 20 and 49 meters
Indian Pond Heron	No	8:10	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:10	Several	Between 10 and 19 meters
Redvented Bulbul	No	8:10	1	Between 20 and 49 meters
Common Iora	No	8:10	1	Between 20 and 49 meters
Jungle Myna	No	8:12	Several	Between 20 and 49 meters
Largebilled Crow	No	8:12	1	Between 20 and 49 meters
Common Iora	No	8:12	1	Between 20 and 49 meters
Yellowbilled Babbler	No	8:12	1	Between 20 and 49 meters
Jungle Owlet	No	8:12	1	Between 20 and 49 meters
Whitecheeked Barbet	No	8:16	1	Far away, at an indeterminate distance
Oriental Magpie Robin	No	8:16	1	Between 20 and 49 meters
Redvented Bulbul	No	8:16	1	Between 10 and 19 meters
Common Iora	No	8:16	1	Between 20 and 49 meters
Greater Coucal	No	8:18	1	Between 20 and 49 meters
Largebilled Crow	No	8:20	3	Between 20 and 49 meters
Coppersmith Barbet	No	8:20	1	Between 20 and 49 meters
Jungle Myna	No	8:20	Several	Between 20 and 49 meters
Coppersmith Barbet	No	8:22	1	Between 20 and 49 meters
Yellowbilled Babbler	No	8:24	Several	Between 20 and 49 meters
Largebilled Crow	No	8:24	Several	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	8:26	Several	Between 10 and 19 meters
Redvented Bulbul	No	8:26	Several	Between 10 and 19 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Common Iora	No	8:26	1	Between 20 and 49 meters
Largebilled Crow	No	8:28	Several	Far away, at an indeterminate distance
Coppersmith Barbet	No	8:28	1	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	8:28	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:30	Several	Not recorded
Greater Coucal	No	8:34	2	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:34	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:36	Several	Not recorded
Blyth's Reed Warbler	No	8:36	1	Between 20 and 49 meters
Jungle Myna	No	8:36	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:36	1	Between 20 and 49 meters
Greater Coucal	No	8:38	1	Between 20 and 49 meters
Jungle Babbler	No	8:38	Several	Between 20 and 49 meters
Jungle Myna	No	8:38	Several	Between 20 and 49 meters
Yellowbilled Babbler	No	8:38	Several	Between 20 and 49 meters
Coppersmith Barbet	No	8:38	1	Between 20 and 49 meters
Common Myna	No	8:40	Several	Between 20 and 49 meters
Coppersmith Barbet	No	8:40	1	Between 20 and 49 meters
Jungle Babbler	No	8:40	1	Between 20 and 49 meters
Largebilled Crow	No	8:40	2	Not recorded
Jungle Babbler	No	8:42	Several	Between 20 and 49 meters
Whitecheeked Barbet	No	8:42	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:44	1	Between 20 and 49 meters
Common Iora	No	8:44	1	Between 20 and 49 meters
Jungle Babbler	No	8:44	1	Between 20 and 49 meters
Greater Coucal	No	8:44	1	Far away, at an indeterminate distance
Greater Coucal	No	8:46	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:46	1	Between 20 and 49 meters
Common Myna	No	8:46	Several	Between 20 and 49 meters
Jungle Babbler	No	8:46	1	Between 20 and 49 meters
Oriental Magpie Robin	No	8:46	1	Between 20 and 49 meters
Largebilled Crow	No	8:48	Several	Between 20 and 49 meters
Common Iora	No	8:48	1	Between 20 and 49 meters
Greater Coucal	No	8:48	2	Between 20 and 49 meters
Greater Coucal	No	8:50	2	Between 20 and 49 meters
Common Myna	No	8:50	Several	Between 20 and 49 meters
Redvented Bulbul	No	8:50	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:50	Several	Not recorded
The bulbuls were at all distances.				
Largebilled Crow	No	8:50	Several	Not recorded
The crows were heard at all distances.				
Coppersmith Barbet	No	8:52	2	Between 20 and 49 meters
Oriental Magpie Robin	No	8:52	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Oriental Magpie Robin	No	8:54	2	Between 20 and 49 meters
Greater Coucal	No	8:54	3	Between 20 and 49 meters
Coppersmith Barbet	No	8:56	2	Between 20 and 49 meters
Greater Coucal	No	8:56	1	Between 20 and 49 meters
Asian Koel	No	8:58	1	Far away, at an indeterminate distance
Redvented Bulbul	No	8:58	Several	Between 20 and 49 meters
Common Iora	No	8:58	1	Between 20 and 49 meters
Whitecheeked Barbet	No	9:00	Several	Between 20 and 49 meters
Greater Coucal	No	9:04	2	Between 20 and 49 meters
Common Iora	No	9:04	1	Between 20 and 49 meters
Jungle Myna	No	9:06	1	Not recorded
Asian Koel	No	9:06	1	Not recorded

I heard a two-noted strident and forceful whistle, The second note was at a higher pitch. The call was continuously repeated with a short break between identical repeats. This is a common bird.

Coppersmith Barbet	No	9:06	2	Not recorded
Common Myna	No	9:06	1	Not recorded
Largebilled Crow	No	9:06	Several	Not recorded
Greater Coucal	No	9:06	1	Not recorded
Yellowbilled Babbler	No	9:08	Several	Not recorded
Common Myna	No	9:08	1	Between 20 and 49 meters
Largebilled Crow	No	9:08	Several	Between 20 and 49 meters
Coppersmith Barbet	No	9:08	1	Between 20 and 49 meters
Common Myna	No	9:10	1	Between 20 and 49 meters
Largebilled Crow	No	9:10	1	Between 20 and 49 meters
Jungle Myna	No	9:10	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:10	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:10	2	Between 20 and 49 meters
Whitecheeked Barbet	No	9:10	1	Far away, at an indeterminate distance
Asian Koel	No	9:12	1	Between 20 and 49 meters

I heard that strident two-noted call that I first heard at 9:06.

Redvented Bulbul	No	9:12	Several	Between 20 and 49 meters
Asian Koel	No	9:14	1	Not recorded

I heard the strident call first heard at 9:06.

Indian Pond Heron	No	9:14	1	Between 20 and 49 meters
Largebilled Crow	No	9:14	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:16	1	Between 20 and 49 meters
Black Drongo	No	9:16	1	Between 20 and 49 meters
Myna (species uncertain)	No	9:16	1	Between 20 and 49 meters

I heard one of the two mynas.

Asian Koel	No	9:16	1	Not recorded
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I heard the strident call first heard at 9:06.

Oriental Magpie Robin	No	9:16	1	Between 20 and 49 meters
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HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Asian Koel	No	9:18	1	Not recorded
I heard the strident call first heard at 9:06.				
Myna (species uncertain)	No	9:18	1	Not recorded
I heard one of the two mynas.				
Unknown	No	9:18	1	Not recorded
I heard a short "chirr" followed by two whistles. This call was continuously repeated with a 10 to 20 second break between identical repeats. The whistles were somewhat iora-like in tone.				
Tickell's Blue Flycatcher	No	9:20	1	Between 20 and 49 meters
Common Iora	No	9:22	1	Between 20 and 49 meters
Asian Koel	No	9:22	1	Not recorded
I heard the strident call first heard at 9:06.				
Jungle Myna	No	9:22	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:22	1	Between 20 and 49 meters
Asian Koel	No	9:26	1	Far away, at an indeterminate distance
I heard the strident call first heard at 9:06.				
Greenish Warbler	No	9:26	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:26	Several	Not recorded
Jungle Myna	No	9:26	Several	Not recorded
Coppersmith Barbet	No	9:28	1	Far away, at an indeterminate distance
Greenish Warbler	No	9:28	1	Between 20 and 49 meters
Unknown	No	9:30	1	Not recorded
Redwhiskered Bulbul	No	9:30	Several	Not recorded
Whitecheeked Barbet	No	9:32	1	Not recorded
Unknown	No	9:32	1	Not recorded
I heard a call, "hee hee hee", that was something like the call of a Malabar parakeet in flight. The call was also something like a cross between the calls of the Malabar and plumheaded parakeets. The call was coming from the bank immediately adjacent to the rice paddy. The call was repeated, but there was a long pause (30 seconds to a minute) between repeats.				
Flowerpecker (species uncertain)	No	9:32	1	Between 10 and 19 meters
Greenish Warbler	No	9:32	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:32	1	Between 20 and 49 meters
Greater Coucal	No	9:32	1	Far away, at an indeterminate distance
Asian Koel	No	9:34	1	Between 20 and 49 meters
I heard the strident call first heard at 9:06.				
Common Myna	No	9:36	Several	Between 20 and 49 meters
Asian Koel	No	9:36	1	Not recorded
I heard the strident call first heard at 9:06.				
Asian Koel	No	9:38	1	Not recorded
Common Myna	No	9:38	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:42	1	Between 20 and 49 meters
Largebilled Crow	No	9:42	Several	Not recorded

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Ashy Wood Swallow	Yes	9:42	1	Not recorded
I heard a fairly harsh call, "ke ke ke ke ke", that was reminiscent of laughter or super-fast neighing. The call was very fast and loud. The call was repeated with a very long break between repeats.				
Black Drongo	No	9:46	1	Between 20 and 49 meters
Whitecheeked Barbet	No	9:46	1	Between 20 and 49 meters
Largebilled Crow	No	9:46	Several	Not recorded
Common Myna	No	9:46	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:46	1	Between 20 and 49 meters
Blyth's Reed Warbler	No	9:46	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:46	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:48	Several	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	9:48	1	Between 20 and 49 meters
Common Iora	No	9:48	1	Between 20 and 49 meters
Greater Coucal	No	9:50	2	Between 20 and 49 meters
Jungle Myna	No	9:50	Several	Between 20 and 49 meters
Asian Koel	No	9:50	1	Far away, at an indeterminate distance
Common Iora	No	9:52	1	Between 20 and 49 meters
Jungle Babbler	No	9:54	Several	Between 20 and 49 meters
Common Myna	No	9:56	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:56	1	Between 20 and 49 meters
Greater Coucal	No	9:56	2	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:58	Several	Between 20 and 49 meters
Black Drongo	No	9:58	1	Between 20 and 49 meters
Greater Coucal	No	9:58	1	Between 20 and 49 meters
Largebilled Crow	No	10:00	Several	Between 20 and 49 meters
Oriental Magpie Robin	No	10:00	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	10:00	Several	Between 20 and 49 meters
Ashy Wood Swallow	Yes	10:02	1	Between 20 and 49 meters
I heard that harsh call, "ke ke ke ke keak" that I first heard at 9:42				
Common Myna	No	10:04	1	Between 20 and 49 meters
Asian Koel	No	10:04	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	10:04	1	Between 20 and 49 meters

Transect 18 **Locality** Rice field and adjacent shola six kilometers south of Shankari
Date y, April 26, 199 **Weather** Earlier in the morning, it had been quite foggy. During the transect
Start Time 8:19 AM **Transect Direction** 30
Stop Time 10:19 AM **Altitude** 1070

Area Description

This transect took place in a rice field and an adjacent shola, six kilometers south of Shankari (road distance - not straight line distance). The transect was quite close to the road that connects Solkaddu and Wotta Kadai. The transect took place roughly twelve kilometers north of Solakkadu (again road distance - not straight line distance). I performed the transect in the valley immediately east of the road. The transect took place roughly one hundred meters below the road. The transect started near road milestone #4 that one side read "Vasaloor 21" and on the other, read "Shankari 6".

Vegetation and General Description

The valley was roughly in a "V" shape, so consequently the valley bottom was quite narrow. Because of this, the paddy within the valley bottom was not wide (no more than 30 meters in width). The rice was at breast height. The surrounding slopes were quite steep and they were mostly covered with lantana, although a very small amount of tapioca was being grown. Some silveroak and pineapple (the latter on the north slope) were also present. A portion of the slope had no vegetation at all and was just bare rock. Between the rice field and shola there was a buffer zone that consisted of recently burnt (forest) land. Obviously, this land was being cleared for rice and pineapple cultivation. Pineapple had already been planted on the burnt northern slope. The shola itself had been suffered under severe cutting pressure. Within the shola, although the undergrowth was quite thick, the lantana was sparse. See Notes, to get size of each area.

Notes

I heard whitecheeked barbets in great numbers throughout the transect and they were not recorded.
 At 9:43 AM, the rice paddy ended and the burnt transition zone began. At this point forward, the transect followed the stream that flowed from the paddy into the shola.
 At 9:57 AM, the burnt transition zone ended and the transect entered the shola.
 Within the forest, the cicadas were extremely loud.
 The altitude at the end of the transect was 1040 meters.
 After the transect was over, I heard and saw a whiterumped shama within the forest. The shama's call was very much like the questioning portion of the yellowbrowed bulbul's call.

Flying Birds:

FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Common Myna	No	8:21	1	Lower than 30 meters
Largebilled Crow	No	8:47	1	Higher than 30 meters
Black Drongo	No	8:55	1	Lower than 30 meters
Largebilled Crow	No	8:55	1	Lower than 30 meters
Largebilled Crow	No	9:21	1	Lower than 30 meters
Largebilled Crow	No	9:29	1	Higher than 30 meters

Stationary Birds

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Black Drongo	No	8:43	1	Between 20 and 49 meters	15
Redvented Bulbul	No	8:53	1	Between 20 and 49 meters	10

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Myna (species uncertain)	No	9:01	2	Between 5 and 9 meters	20
I saw either jungle or common mynas. Glare from the sun made it very difficult to see the birds.					
Common Myna	No	9:05	1	Between 10 and 19 meters	15
Common Myna	No	9:07	1	Between 10 and 19 meters	5
Oriental Magpie Robin	No	9:07	1	Between 20 and 49 meters	1
Ashy Wood Swallow	No	9:21	2	Between 20 and 49 meters	20

Heard Birds**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Coppersmith Barbet	No	8:19	1	Between 20 and 49 meters
Common Iora	No	8:19	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	8:19	1	Between 10 and 19 meters
Whitecheeked Barbet	No	8:19	Several	Not recorded
Redwhiskered Bulbul	No	8:19	Several	Between 10 and 19 meters
Coppersmith Barbet	No	8:21	1	Not recorded
Redwhiskered Bulbul	No	8:21	Several	Not recorded
Unknown	No	8:21	1	Not recorded

I heard a high-pitched and very rapid trill, "ke ke ke ke ke". The call was repeated a few times a minute.

Largebilled Crow	No	8:21	1	Between 10 and 19 meters
Greater Coucal	No	8:21	2	Between 10 and 19 meters
Unknown	No	8:25	1	Not recorded

I heard that trilling, whistling call that I heard four minutes earlier. The "ke" (or "see") frequency was roughly two or three a second. The call was not kingfisher-like, as this was faster, softer, and much less harsh.

Whitecheeked Barbet	No	8:27	1	Not recorded
Coppersmith Barbet	No	8:27	1	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	8:27	Several	Not recorded
Unknown	No	8:27	1	Between 20 and 49 meters

I heard "that bull bird". The bird was solitary.

Unknown	No	8:29	1	Not recorded
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I heard a slightly harsh, rather musical, and somewhat soft call, "kra-coo kra-coo kra-coo". The "kra" was higher pitched than the "coo". The call was repeated continuously, for several minutes, with a break of variable length between identical repeats. Sometimes three repeats were called together and at other times at calls came at a frequency of once every five seconds.

Unknown	No	8:31	1	Not recorded
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I heard the unknown call that I first heard at 8:29.

Common Iora	No	8:31	1	Between 20 and 49 meters
Greater Coucal	No	8:33	1	Between 20 and 49 meters
Common Iora	No	8:33	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:33	Several	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Unknown	No	8:35	1	Not recorded
I heard a trilling and fast call, "see see see", that went up the scale, came back down, and went back up again. The "see" frequency was roughly two or three "see"s a second. The call was repeated a few times and then it stopped.				
Largebilled Crow	No	8:39	Several	Not recorded
Redwhiskered Bulbul	No	8:39	Several	Not recorded
Greater Coucal	No	8:39	2	Between 10 and 19 meters
Common Iora	No	8:41	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:41	Several	Not recorded
Black Drongo	No	8:41	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:41	1	Between 20 and 49 meters
Greater Coucal	No	8:43	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	8:43	1	Between 20 and 49 meters
Whitecheeked Barbet	No	8:45	Several	Not recorded
Oriental Magpie Robin	No	8:47	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:47	Several	Not recorded
Rufous Tree Pie	No	8:47	1	Between 20 and 49 meters
Jungle Owlet	No	8:47	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	8:47	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:49	Several	Not recorded
Whitecheeked Barbet	No	8:49	Several	Not recorded
Black Drongo	No	8:51	1	Not recorded
Oriental Magpie Robin	No	8:51	1	Not recorded
Redwhiskered Bulbul	No	8:51	Several	Not recorded
Black Drongo	No	8:57	2	Between 20 and 49 meters
Unknown	No	8:57	1	Not recorded
I heard the unknown call that I first heard at 8:25.				
Common Iora	No	8:57	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:57	Several	Not recorded
Crested Serpent Eagle	No	9:05	1	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	9:05	Several	Not recorded
Whitecheeked Barbet	No	9:05	1	Not recorded
Unknown	No	9:05	1	Not recorded
I heard that "tree tree" call coming from the lantana.				
Yellowbilled Babbler	Yes	9:05	Several	Not recorded
I				
Common Iora	No	9:07	1	Between 20 and 49 meters
Redvented Bulbul	No	9:07	1	Between 20 and 49 meters
Whitecheeked Barbet	No	9:07	1	Between 20 and 49 meters
Common Iora	No	9:09	1	Between 20 and 49 meters
Redvented Bulbul	No	9:09	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:11	Several	Not recorded
Whitecheeked Barbet	No	9:11	Several	Far away, at an indeterminate distance

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Coppersmith Barbet	No	9:11	1	Far away, at an indeterminate distance
Whitecheeked Barbet	No	9:13	Several	Far away, at an indeterminate distance
Coppersmith Barbet	No	9:13	1	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	9:13	Several	Not recorded
Yellowbrowed Bulbul	No	9:17	Several	Between 20 and 49 meters
Whitecheeked Barbet	No	9:17	Several	Between 20 and 49 meters
Whitebrowed Bulbul	No	9:17	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:19	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:19	Several	Between 20 and 49 meters
Whitecheeked Barbet	No	9:19	Several	Far away, at an indeterminate distance
Redvented Bulbul	No	9:19	1	Between 10 and 19 meters
Common Iora	No	9:19	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	9:19	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	9:21	1	Not recorded
Common Iora	No	9:21	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:21	Several	Between 20 and 49 meters
Whitecheeked Barbet	No	9:21	1	Between 20 and 49 meters
Greater Coucal	No	9:25	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:25	Several	Between 20 and 49 meters
Whitecheeked Barbet	No	9:25	1	Between 20 and 49 meters
Greater Coucal	No	9:27	2	Between 20 and 49 meters
Unknown	No	9:27	1	Not recorded

I heard a quick and one-noted call, "hoo hoo hoo hoo", that had a hollow, whistling tone. The call was repeated and always the same way.

Oriental Magpie Robin	No	9:27	1	Between 20 and 49 meters
Common Iora	No	9:27	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:29	1	Between 20 and 49 meters
Redvented Bulbul	No	9:29	Several	Not recorded
Redwhiskered Bulbul	No	9:29	Several	Between 20 and 49 meters
Common Iora	No	9:29	1	Between 20 and 49 meters
Whitecheeked Barbet	No	9:29	Several	Not recorded

The barbets were heard at all distances.

Ashy Wood Swallow	No	9:31	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:31	1	Between 20 and 49 meters
Common Iora	No	9:31	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:35	1	Between 20 and 49 meters
Common Iora	No	9:37	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	9:39	1	Between 20 and 49 meters
Scarlet Minivet	No	9:39	Several	Between 20 and 49 meters
Common Iora	No	9:39	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:39	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:41	1	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Flowerpecker (species uncertain)	No	9:45	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	9:47	2	Between 20 and 49 meters
Coppersmith Barbet	No	9:49	1	Between 10 and 19 meters
Redwhiskered Bulbul	No	9:49	Several	Between 20 and 49 meters
Greenish Warbler	No	9:49	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:51	1	Between 10 and 19 meters
Flowerpecker (species uncertain)	No	9:51	Several	Between 10 and 19 meters
Redvented Bulbul	No	9:51	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:53	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	9:53	Several	Not recorded
Oriental Magpie Robin	No	9:55	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	9:55	Several	Not recorded
Flowerpecker (species uncertain)	No	9:57	Several	Not recorded
Coppersmith Barbet	No	9:59	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:59	1	Between 20 and 49 meters
Coppersmith Barbet	No	10:08	1	Between 20 and 49 meters
Coppersmith Barbet	No	10:10	1	Between 20 and 49 meters
Coppersmith Barbet	No	10:13	2	Far away, at an indeterminate distance

Transect 19 **Locality** Rice field one kilometer north of Semmedu
Date , April 27, 1999 **Weather** Slight, high, and thin cloud cover. Hot, sunny, slight breeze.
Start Time 8:10 AM **Transect Direction** 240
Stop Time 10:10 AM **Altitude** 1105

Area Description

This transect took place in the large rice field one kilometer north of Semmedu. One kilometer north of Semmedu, the road forks and the east fork leads to the Arappalishvara Temple. A large rice field bordered this temple road for the first two kilometers of the latter's length. The paddy was south of the road. This transect began upslope of transect 17 and this transect ended where transect 17 began.

Vegetation and General Description

The paddy was fairly wide - roughly fifty meters in width. On either side of the paddy, cultivation was present, largely banana and tapioca. A few relict shola trees were present along the edge of the paddy. The rice itself was quite tall and above knee-height. More houses were present near the paddy than there were during transect 17.

Notes

At 8:46 AM, I moved 100 - 120 meters forward to escape a group of kids who were following me. I lost six minutes and I restarted at 8:52 AM.

Flying Birds:

FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Crested Tree Swift	No	8:10	Several	Lower than 30 meters
Common Myna	No	8:30	1	Lower than 30 meters
Myna (species uncertain)	No	9:18	1	Lower than 30 meters
The bird could also have been a common myna.				
Shikra	No	9:30	1	Lower than 30 meters
Black Drongo	No	9:30	1	Lower than 30 meters
Myna (species uncertain)	No	9:42	4	Lower than 30 meters
The birds could also have been common mynas.				
Largebilled Crow	No	9:52	1	Lower than 30 meters
Black Drongo	No	9:52	1	Lower than 30 meters
Largebilled Crow	No	9:58	1	Lower than 30 meters
Indian Pond Heron	No	10:02	1	Lower than 30 meters

Stationary Birds

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Drongo Cuckoo	No	8:12	2	Between 20 and 49 meters	25
Myna (species uncertain)	No	8:12	2	Between 20 and 49 meters	0
The birds could also have been common mynas.					
Indian Pond Heron	No	8:24	1	Between 20 and 49 meters	0
Indian Pond Heron	No	8:30	2	Between 20 and 49 meters	0
Common Myna	No	8:32	1	Between 20 and 49 meters	0
Indian Pond Heron	No	8:34	1	Between 20 and 49 meters	0

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Indian Pond Heron	No	9:38	1	Between 20 and 49 meters	20
Common Myna	No	9:50	1	Between 20 and 49 meters	20

Heard Birds**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Oriental Magpie Robin	No	8:10	Several	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:10	Several	Between 20 and 49 meters
Blyth's Reed Warbler	No	8:10	1	Between 20 and 49 meters
Redvented Bulbul	No	8:10	Several	Between 20 and 49 meters
Common Iora	No	8:10	1	Between 10 and 19 meters
Blackrumped Flameback	No	8:12	1	Between 20 and 49 meters

I heard a fairly fast and not harsh call "ke ke ke ke ke" that was slightly reminiscent of a horse's neigh. The call was repeated and always the same way.

Black Drongo	No	8:12	Several	Not recorded
Jungle Myna	No	8:12	Several	Not recorded
Coppersmith Barbet	No	8:12	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:22	Several	Not recorded
Largebilled Crow	No	8:22	Several	Not recorded
Largebilled Crow	No	8:24	Several	Not recorded
Redwhiskered Bulbul	No	8:24	Several	Not recorded
Greenish Warbler	No	8:24	1	Between 20 and 49 meters
Flowerpecker (species uncertain)	No	8:28	1	Between 20 and 49 meters
Whitecheeked Barbet	No	8:28	1	Between 20 and 49 meters
Oriental Magpie Robin	No	8:28	1	Between 20 and 49 meters
Whitebrowed Bulbul	No	8:28	1	Between 20 and 49 meters
Common Iora	No	8:28	1	Between 20 and 49 meters
Myna (species uncertain)	No	8:30	Several	Not recorded

I also might have heard common mynas.

Coppersmith Barbet	No	8:30	1	Not recorded
Redwhiskered Bulbul	No	8:30	Several	Not recorded
Oriental Magpie Robin	No	8:32	1	Between 20 and 49 meters
Largebilled Crow	No	8:32	Several	Not recorded
Jungle Myna	No	8:34	Several	Not recorded
Oriental Magpie Robin	No	8:34	1	Not recorded
Flowerpecker (species uncertain)	No	8:36	1	Between 20 and 49 meters
Coppersmith Barbet	No	8:36	1	Between 20 and 49 meters
Jungle Myna	No	8:36	1	Between 20 and 49 meters
Greater Coucal	No	8:36	1	Between 20 and 49 meters
Greater Coucal	No	8:38	1	Between 20 and 49 meters
Scarlet Minivet	No	8:38	Several	Between 20 and 49 meters

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Largebilled Crow	No	8:38	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:40	2	Not recorded
Greater Coucal	No	8:42	2	Not recorded
Redwhiskered Bulbul	No	8:42	Several	Not recorded
Oriental Magpie Robin	No	8:42	1	Not recorded
Coppersmith Barbet	No	8:44	1	Far away, at an indeterminate distance
Greenish Warbler	No	8:44	1	Between 20 and 49 meters
Greater Coucal	No	8:44	2	Not recorded
Oriental Magpie Robin	No	8:44	1	Not recorded
Greater Coucal	No	8:46	1	Not recorded
Common Myna	No	8:46	1	Not recorded
Redvented Bulbul	No	8:46	1	Not recorded
Redwhiskered Bulbul	No	8:46	Several	Not recorded
Flowerpecker (species uncertain)	No	8:46	1	Not recorded
Redwhiskered Bulbul	No	8:52	1	Not recorded
Coppersmith Barbet	No	8:52	1	Not recorded
Largebilled Crow	No	8:52	Several	Not recorded
Oriental Magpie Robin	No	8:52	1	Not recorded
Coppersmith Barbet	No	8:54	1	Not recorded
Common Myna	No	8:54	1	Not recorded
Redwhiskered Bulbul	No	8:54	1	Not recorded
Oriental Magpie Robin	No	8:54	1	Not recorded
Largebilled Crow	No	8:54	Several	Not recorded
Whitecheeked Barbet	No	8:56	1	Not recorded
Oriental Magpie Robin	No	8:56	1	Not recorded
Largebilled Crow	No	8:56	1	Not recorded
Redwhiskered Bulbul	No	8:56	1	Not recorded
Common Myna	No	8:58	Several	Not recorded
Coppersmith Barbet	No	8:58	1	Not recorded
Jungle Myna	No	8:58	Several	Not recorded
Largebilled Crow	No	8:58	1	Not recorded
Redwhiskered Bulbul	No	9:00	1	Not recorded
Whitethroated Kingfisher	No	9:00	1	Not recorded
Scarlet Minivet	No	9:02	1	Not recorded
Oriental Magpie Robin	No	9:02	1	Not recorded
Whitecheeked Barbet	No	9:02	1	Not recorded
Coppersmith Barbet	No	9:02	1	Not recorded
Largebilled Crow	No	9:04	1	Not recorded
Coppersmith Barbet	No	9:04	1	Not recorded
Redwhiskered Bulbul	No	9:04	1	Not recorded
Whitecheeked Barbet	No	9:08	1	Not recorded
Oriental Magpie Robin	No	9:08	1	Not recorded

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Redwhiskered Bulbul	No	9:10	1	Not recorded
Blackrumped Flameback	No	9:10	1	Far away, at an indeterminate distance
I heard the call that sounded like a horse's neigh, on a descending musical scale. The call also sounded a lot like a swarm of swifts in flight.				
Flowerpecker (species uncertain)	No	9:10	1	Between 20 and 49 meters
Largebilled Crow	No	9:10	2	Between 20 and 49 meters
Coppersmith Barbet	No	9:10	1	Between 20 and 49 meters
Largebilled Crow	No	9:12	2	Not recorded
Redwhiskered Bulbul	No	9:12	1	Not recorded
Flowerpecker (species uncertain)	No	9:12	2	Not recorded
Coppersmith Barbet	No	9:12	2	Not recorded
Unknown	No	9:16	1	Not recorded
I heard a soft and rattling "kree" that was not musical at all. The call was repeated and always the same way. The call either came from the paddy itself or from the brush along the sides of the paddy.				
Greater Coucal	No	9:18	2	Not recorded
Flowerpecker (species uncertain)	No	9:18	1	Not recorded
Redwhiskered Bulbul	No	9:20	1	Not recorded
Jungle Myna	No	9:20	1	Not recorded
Greater Coucal	No	9:20	1	Not recorded
Flowerpecker (species uncertain)	No	9:20	1	Not recorded
Coppersmith Barbet	No	9:20	1	Not recorded
Oriental Magpie Robin	No	9:22	1	Between 20 and 49 meters
Blackrumped Flameback	No	9:22	1	Between 20 and 49 meters
Jungle Myna	No	9:26	1	Not recorded
Greater Coucal	No	9:28	1	Between 20 and 49 meters
Black Drongo	No	9:28	1	Between 20 and 49 meters
Largebilled Crow	No	9:28	1	Between 20 and 49 meters
Greenish Warbler	No	9:28	1	Between 10 and 19 meters
Jungle Myna	No	9:28	1	Not recorded
Coppersmith Barbet	No	9:30	1	Between 20 and 49 meters
Jungle Myna	No	9:32	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:32	1	Not recorded
Jungle Myna	No	9:34	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:34	1	Between 20 and 49 meters
Oriental Magpie Robin	No	9:34	1	Between 20 and 49 meters
Jungle Myna	No	9:36	1	Not recorded
Oriental Magpie Robin	No	9:36	1	Not recorded
Greenish Warbler	No	9:36	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:36	1	Between 10 and 19 meters
Coppersmith Barbet	No	9:38	1	Not recorded

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Blackrumped Flameback	No	9:38	1	Not recorded
Oriental Magpie Robin	No	9:38	1	Not recorded
Flowerpecker (species uncertain)	No	9:38	1	Not recorded
Largebilled Crow	No	9:40	2	Between 20 and 49 meters
Coppersmith Barbet	No	9:40	1	Between 20 and 49 meters
Greenish Warbler	No	9:42	1	Not recorded
Oriental Magpie Robin	No	9:42	1	Not recorded
Greater Coucal	No	9:42	1	Far away, at an indeterminate distance
Oriental Magpie Robin	No	9:44	1	Not recorded
Greater Coucal	No	9:44	1	Not recorded
Largebilled Crow	No	9:46	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:46	1	Between 20 and 49 meters
Whitebreasted Waterhen	No	9:46	1	Between 10 and 19 meters
Whitebrowed Bulbul	No	9:46	1	Between 10 and 19 meters
Oriental Magpie Robin	No	9:46	1	Between 20 and 49 meters
Whitebreasted Waterhen	No	9:48	3	Between 20 and 49 meters
Redwhiskered Bulbul	No	9:50	1	Not recorded
Flowerpecker (species uncertain)	No	9:50	1	Not recorded
Greater Coucal	No	9:50	1	Not recorded
Common Myna	No	9:52	1	Not recorded
Redvented Bulbul	No	9:56	1	Not recorded
Common Myna	No	9:56	1	Far away, at an indeterminate distance
Common Myna	No	9:56	1	Between 20 and 49 meters
Coppersmith Barbet	No	9:58	1	Not recorded
Flowerpecker (species uncertain)	No	9:58	1	Not recorded
Redvented Bulbul	No	9:58	1	Not recorded
Redvented Bulbul	No	10:00	1	Not recorded
Greater Coucal	No	10:00	1	Not recorded
Greater Coucal	No	10:02	2	Not recorded
Redwattled Lapwing	No	10:04	1	Far away, at an indeterminate distance

Transect 20 **Locality** Rice field one kilometer north of Semmedu
Date , April 28, 1999 **Weather** Slight and very thin cloud cover. Sunny, hot, and windy.
Start Time 8:08 AM **Transect Direction** 270
Stop Time 10:08 AM **Altitude** 1105

Area Description

This transect took place in the large rice field one kilometer north of Semmedu. One kilometer north of Semmedu, the road forks and the east fork leads to the Arappalishvara Temple. A large rice field bordered this temple road for the first two kilometers of the latter's length. The paddy was south of the road. This transect began upslope of transect 19 and this transect ended where transect 19 began.

Vegetation and General Description

The paddy was fairly wide - roughly fifty meters in width. On either side of the paddy, cultivation was present, largely banana and tapioca. A few relict shola trees were present along the edge of the paddy. The rice itself was quite tall and above knee-height. The hills surrounding the paddy were mostly denuded and just bare rock. What vegetation that there was tended to be shrubby weeds. Several villages were immediately adjacent to the paddy.

Notes

Two minutes before the transect started, I saw a brown shrike and a whitethroated kingfisher alongside the paddy.

At 8:48 AM, seven or eight shots (or small rockets) were fired close by.

Flying Birds:

FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Redwhiskered Bulbul	No	8:14	1	Lower than 30 meters
Largebilled Crow	No	8:16	1	Lower than 30 meters
Common Myna	No	8:52	2	Lower than 30 meters
Common Myna	No	9:04	1	Lower than 30 meters
Whitecheeked Barbet	No	9:24	1	Lower than 30 meters
Largebilled Crow	No	9:26	1	Lower than 30 meters
Largebilled Crow	No	9:36	1	Higher than 30 meters
Crested Tree Swift	No	9:38	1	Lower than 30 meters
Largebilled Crow	No	9:44	1	Lower than 30 meters
Flowerpecker (species uncertain)	No	9:46	1	Lower than 30 meters
Largebilled Crow	No	9:50	1	Lower than 30 meters
Largebilled Crow	No	9:54	1	Lower than 30 meters
Indian Pond Heron	No	9:58	1	Lower than 30 meters

Stationary Birds

STATIONARY BIRDS

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Redwhiskered Bulbul	No	8:16	1	Between 20 and 49 meters	0
Redwhiskered Bulbul	No	8:22	2	Between 10 and 19 meters	1
Black Drongo	No	9:08	2	Between 20 and 49 meters	15

Heard Birds

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Oriental Magpie Robin	No	8:08	1	Not recorded
Largebilled Crow	No	8:08	1	Not recorded
Redwhiskered Bulbul	No	8:08	Several	Not recorded
Common Myna	No	8:08	1	Not recorded
Whitecheeked Barbet	No	8:08	1	Far away, at an indeterminate distance
Yellowbrowed Bulbul	No	8:08	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:10	Several	Not recorded
Coppersmith Barbet	No	8:10	1	Not recorded
Common Myna	No	8:10	Several	Not recorded
Yellowbrowed Bulbul	No	8:10	1	Not recorded
Redwhiskered Bulbul	No	8:12	Several	Not recorded
Oriental Magpie Robin	No	8:14	1	Between 20 and 49 meters
Black Drongo	No	8:14	1	Not recorded
Coppersmith Barbet	No	8:14	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:14	Several	Not recorded
Black Drongo	No	8:16	1	Between 20 and 49 meters
Common Myna	No	8:16	Several	Not recorded
Jungle Owlet	No	8:22	1	Between 20 and 49 meters
Redwhiskered Bulbul	No	8:22	Several	Not recorded
Oriental Magpie Robin	No	8:22	1	Between 20 and 49 meters
Common Myna	No	8:26	Several	Between 20 and 49 meters
Common Iora	No	8:26	1	Between 20 and 49 meters
Unknown	No	8:30	1	Between 20 and 49 meters

I heard a short call, "kip kip", that had a spacing of five to ten seconds between "kip"s. The call was like that of a coppersmith's, but this call was higher-pitched. The call was made from the bank near the rice field.

Whitecheeked Barbet	No	8:30	Several	Between 20 and 49 meters
Coppersmith Barbet	No	8:30	2	Not recorded
Common Myna	No	8:32	1	Not recorded
Unknown	No	8:32	1	Not recorded

The unknown bird heard two minutes earlier was heard again.

Redvented Bulbul	No	8:32	1	Not recorded
Coppersmith Barbet	No	8:32	Several	Not recorded
Brown Shrike	No	8:32	1	Between 20 and 49 meters
Largebilled Crow	No	8:36	Several	Not recorded
Greater Coucal	No	8:36	1	Not recorded
Coppersmith Barbet	No	8:36	1	Not recorded
Common Myna	No	8:36	1	Not recorded
Redwhiskered Bulbul	No	8:36	1	Not recorded
Whitecheeked Barbet	No	8:36	Several	Not recorded
Greater Coucal	No	8:38	1	Not recorded
Redwhiskered Bulbul	No	8:38	Several	Not recorded

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Largebilled Crow	No	8:38	Several	Not recorded
Coppersmith Barbet	No	8:38	2	Not recorded
Coppersmith Barbet	No	8:40	1	Not recorded
Common Myna	No	8:40	Several	Not recorded
Redvented Bulbul	No	8:40	1	Not recorded
Myna (species uncertain)	No	8:42	Several	Not recorded

I might have also seen common mynas.

Redwhiskered Bulbul	No	8:42	1	Not recorded
Jungle Babbler	No	8:42	Several	Not recorded
Oriental Magpie Robin	No	8:42	1	Not recorded
Whitethroated Kingfisher	No	8:42	1	Not recorded
Redvented Bulbul	No	8:42	1	Not recorded
Scarlet Minivet	No	8:42	1	Not recorded
Coppersmith Barbet	No	8:42	1	Not recorded
Whitecheeked Barbet	No	8:42	Several	Not recorded
Oriental Magpie Robin	No	8:44	2	Not recorded
Coppersmith Barbet	No	8:44	2	Not recorded
Redwhiskered Bulbul	No	8:44	Several	Not recorded
Blyth's Reed Warbler	No	8:44	1	Not recorded
Jungle Babbler	No	8:44	Several	Not recorded
Oriental Magpie Robin	No	8:46	1	Not recorded
Myna (species uncertain)	No	8:46	Several	Not recorded

I might have also heard common mynas.

Whitecheeked Barbet	No	8:46	Several	Not recorded
Coppersmith Barbet	No	8:46	1	Not recorded
Redwhiskered Bulbul	No	8:46	Several	Not recorded
Jungle Owlet	No	8:46	1	Not recorded
Whitecheeked Barbet	No	8:50	Several	Not recorded
Oriental Magpie Robin	No	8:50	1	Not recorded
Greater Coucal	No	8:50	1	Not recorded
Largebilled Crow	No	8:50	Several	Not recorded
Redwhiskered Bulbul	No	8:50	1	Not recorded
Oriental Magpie Robin	No	8:52	1	Not recorded
Whitecheeked Barbet	No	8:52	Several	Not recorded
Jungle Owlet	No	8:52	1	Not recorded
Common Myna	No	8:52	Several	Not recorded
Redwhiskered Bulbul	No	8:56	Several	Not recorded
Redvented Bulbul	No	8:56	1	Not recorded
Greater Coucal	No	8:56	1	Not recorded
Myna (species uncertain)	No	8:56	Several	Not recorded

The birds might have also been common mynas.

Coppersmith Barbet	No	8:56	2	Not recorded
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HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Myna (species uncertain)	No	8:58	Several	Not recorded
The birds might have also been common mynas.				
Coppersmith Barbet	No	8:58	2	Not recorded
Whitecheeked Barbet	No	8:58	Several	Not recorded
Largebilled Crow	No	9:00	1	Not recorded
Myna (species uncertain)	No	9:00	1	Not recorded
The birds might have also been common mynas.				
Coppersmith Barbet	No	9:00	1	Not recorded
Whitecheeked Barbet	No	9:00	Several	Not recorded
Redvented Bulbul	No	9:00	1	Not recorded
Coppersmith Barbet	No	9:02	1	Not recorded
Common Myna	No	9:02	Several	Not recorded
Whitecheeked Barbet	No	9:02	Several	Not recorded
Jungle Myna	No	9:02	Several	Not recorded
Common Myna	No	9:04	Several	Not recorded
Common Iora	No	9:04	1	Not recorded
Largebilled Crow	No	9:04	Several	Not recorded
Coppersmith Barbet	No	9:04	2	Not recorded
Unknown	No	9:06	1	Not recorded
I heard "that tree bird" (the call sounds like "tree") as it was calling from the bank or from slightly beyond.				
Whitecheeked Barbet	No	9:10	Several	Not recorded
Redwhiskered Bulbul	No	9:10	Several	Not recorded
Largebilled Crow	No	9:10	Several	Not recorded
Myna (species uncertain)	No	9:10	Several	Not recorded
The birds might have also been common mynas.				
Oriental Magpie Robin	No	9:10	1	Not recorded
Scarlet Minivet	No	9:12	1	Not recorded
Myna (species uncertain)	No	9:12	Several	Not recorded
The birds might have also been common mynas.				
Redvented Bulbul	No	9:12	Several	Not recorded
Largebilled Crow	No	9:12	Several	Not recorded
Common Iora	No	9:12	1	Not recorded
Whitecheeked Barbet	No	9:14	Several	Not recorded
Coppersmith Barbet	No	9:14	1	Not recorded
Whitethroated Kingfisher	No	9:14	1	Not recorded
Redwhiskered Bulbul	No	9:14	1	Not recorded
Myna (species uncertain)	No	9:14	Several	Not recorded
The birds might have also been common mynas.				
Common Iora	No	9:14	1	Not recorded
Black Drongo	No	9:16	1	Not recorded
Coppersmith Barbet	No	9:16	1	Not recorded
Coppersmith Barbet	No	9:18	1	Not recorded

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Whitecheeked Barbet	No	9:18	Several	Not recorded
Myna (species uncertain)	No	9:18	Several	Not recorded
Black Drongo	No	9:18	1	Not recorded
Myna (species uncertain)	No	9:20	Several	Not recorded
The birds might have also been common mynas.				
Largebilled Crow	No	9:20	Several	Not recorded
Common Iora	No	9:20	1	Not recorded
Greater Coucal	No	9:20	1	Not recorded
Whitecheeked Barbet	No	9:20	Several	Not recorded
Whitecheeked Barbet	No	9:22	Several	Not recorded
Common Iora	No	9:22	1	Not recorded
Myna (species uncertain)	No	9:22	Several	Not recorded
Redwhiskered Bulbul	No	9:22	Several	Not recorded
Oriental Magpie Robin	No	9:24	Several	Not recorded
Redwhiskered Bulbul	No	9:24	1	Not recorded
Myna (species uncertain)	No	9:26	Several	Not recorded
Largebilled Crow	No	9:26	Several	Not recorded
Flowerpecker (species uncertain)	No	9:26	1	Not recorded
Redvented Bulbul	No	9:26	1	Not recorded
Coppersmith Barbet	No	9:26	1	Not recorded
Largebilled Crow	No	9:28	Several	Not recorded
Brown Shrike	No	9:28	1	Not recorded
Redvented Bulbul	No	9:28	1	Not recorded
Myna (species uncertain)	No	9:28	Several	Not recorded
Flowerpecker (species uncertain)	No	9:28	1	Not recorded
Coppersmith Barbet	No	9:28	1	Not recorded
Redwhiskered Bulbul	No	9:30	1	Not recorded
Largebilled Crow	No	9:30	Several	Not recorded
Myna (species uncertain)	No	9:30	Several	Not recorded
Scarlet Minivet	No	9:30	1	Not recorded
Oriental Magpie Robin	No	9:32	1	Not recorded
Jungle Owlet	No	9:32	1	Not recorded
Whitecheeked Barbet	No	9:32	Several	Not recorded
Redwhiskered Bulbul	No	9:32	Several	Not recorded
Myna (species uncertain)	No	9:32	Several	Not recorded
Flowerpecker (species uncertain)	No	9:38	1	Not recorded
Whitethroated Kingfisher	No	9:38	1	Not recorded
Jungle Owlet	No	9:38	1	Not recorded
Redwhiskered Bulbul	No	9:38	1	Not recorded
Coppersmith Barbet	No	9:38	1	Not recorded

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Largebilled Crow	No	9:38	Several	Not recorded
Myna (species uncertain)	No	9:38	Several	Not recorded
Whitecheeked Barbet	No	9:42	Several	Not recorded
Redwhiskered Bulbul	No	9:42	1	Not recorded
Coppersmith Barbet	No	9:42	1	Not recorded
Common Myna	No	9:44	1	Not recorded
Whitecheeked Barbet	No	9:44	1	Not recorded
Coppersmith Barbet	No	9:44	1	Not recorded
Whitethroated Kingfisher	No	9:46	1	Not recorded
Redvented Bulbul	No	9:46	1	Not recorded
Common Myna	No	9:46	Several	Not recorded
Brown Shrike	No	9:48	1	Not recorded
Redwhiskered Bulbul	No	9:48	Several	Not recorded
Largebilled Crow	No	9:50	Several	Not recorded
Redwhiskered Bulbul	No	9:50	Several	Not recorded
Jungle Owlet	No	9:52	1	Not recorded
Largebilled Crow	No	9:52	1	Not recorded
Shikra	No	9:52	1	Not recorded
Greater Coucal	No	9:52	1	Not recorded
Coppersmith Barbet	No	9:52	1	Not recorded
Brown Shrike	No	9:54	1	Not recorded
Redwhiskered Bulbul	No	9:56	1	Not recorded
Largebilled Crow	No	9:56	Several	Not recorded
Brown Shrike	No	9:56	1	Not recorded
Redvented Bulbul	No	10:02	1	Not recorded
Brown Shrike	No	10:02	1	Not recorded
Coppersmith Barbet	No	10:02	1	Not recorded
Common Myna	No	10:02	1	Not recorded
Black Drongo	No	10:04	1	Not recorded
Largebilled Crow	No	10:04	1	Not recorded
Whitecheeked Barbet	No	10:04	1	Not recorded
Common Myna	No	10:06	1	Not recorded

Transect 21 **Locality** Near Sat Dharma Ashram, on the road between Semmedu and the Arappalishvara Temple

Date , April 29, 1999 **Weather** Very thin cloud cover, sunny, hot, and slightly windy.

Start Time 8:08 AM **Transect Direction** 130

Stop Time 10:08 AM **Altitude** 1100

Area Description

Southeast of the 4 kilometer mile-marker on the road between Semmedu and the Arappalishvara Temple lay the Sat Dharma Ashram. The transect began northeast of the Ashram. The Ashrm lay on one slope of a small valley and on the other side, within a pine plantation, is where this transect began. The altitude at the end of the transect was 1070 meters.

Vegetation and General Description

The transect began within a dense pine plantation (a little bamboo was also present). The undergrowth within the plantation was fairly sparse and some lantana was present. The plantation, which was roughly fifty meters wide, was on one slope of a small valley. At the base of the slope, at the border of the plantation, lay a narrow strip of banana/tapioca/pineapple cultivation. Beyond this strip, a small swath of paddy was present. Beyond the paddy, on the other slope, banana and pineapple were present. Above the banana, silveroak as well as shrubby weeds were growing. Above the silveroak, bamboo could be found. A few relict shola trees - mostly jack - lined the banks of the paddy. At 8:28. the transect passed into a silveroak plantation (a little bamboo was present). The silveroak was not very dense and consequently, the undergrowth was thicker than it was within the pine plantation. After the silveroak plantation, the transect finished in a large tapioca field. See Notes for distances.

Notes

At 8:08 AM, I noted that all of the bird calls were coming from the distance. The pine plantation itself was quite silent.

At 8:32 AM, I was on the southwest edge of the silveroak plantation. A small amount of pineapple was being grown on the edge of the plantation.

At 8:42, I was still on the southwestern edge of the plantation. Downslope, there was strip of fallow land, followed by a strip of jack, and finally the paddy. The paddy was about 30 meters downslope to the southwest.

By 8:44, the transect moved away from the plantation edge.

At 8:56, the undergrowth was quite sparse due to a recent fire.

At 8:58, the transect turned to a direction of 90 degrees to follow the silveroak plantation.

At 9:42, the transect turned to a direction of 60 degrees to follow the silveroak plantation.

At 9:52, I was on the border between the silveroak plantation and the large tapioca field. The road that connected Semmedu and the Arappalishvara Temple was roughly thirty meters downslope to the southeast. Beyond the road, there was a small rice field. Beyond the rice field, on the opposing slope, there was a combination of silveroak, eucalyptus, pineapple, and shrubby weeds.

At 10:02, I noted that the slopes of the surrounding hills were almost entirely denuded and mostly just bare rock.

Flying Birds:

FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Rufous Tree Pie	No	9:06	2	Lower then 30 meters
Black Drongo	No	9:26	3	Lower then 30 meters
Black Drongo	No	9:30	1	Lower then 30 meters
Common Kestrel	No	9:36	1	Lower then 30 meters

A black drongo was chasing after the kestrel.

FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Black Drongo	No	9:36	1	Lower than 30 meters
The drongo was chasing after the kestrel that I saw at the same time.				
Black Drongo	No	9:40	1	Lower than 30 meters

Stationary Birds**STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Redwhiskered Bulbul	No	8:14	3	Between 20 and 49 meters	1
Common Iora	No	8:36	1	Between 10 and 19 meters	15
I sighted a female.					
Common Kestrel	No	9:10	1	Between 20 and 49 meters	15
Goldenfronted Leafbird	No	9:30	1	Between 10 and 19 meters	10
Redwhiskered Bulbul	No	10:02	2	Between 10 and 19 meters	5

Heard Birds**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Unknown	No	8:08	1	Far away, at an indeterminate distance
I heard "that 'tree' bird."				
Redwhiskered Bulbul	No	8:08	1	Far away, at an indeterminate distance
Oriental Magpie Robin	No	8:08	1	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	8:10	1	Not recorded
Whitecheeked Barbet	No	8:10	1	Not recorded
Black Drongo	No	8:10	1	Not recorded
Flowerpecker (species uncertain)	No	8:12	1	Not recorded
Whitecheeked Barbet	No	8:12	1	Not recorded
Redwhiskered Bulbul	No	8:12	1	Not recorded
Whitecheeked Barbet	No	8:14	1	Not recorded
Redwhiskered Bulbul	No	8:14	Several	Not recorded
Redwhiskered Bulbul	No	8:22	1	Not recorded
Redwhiskered Bulbul	No	8:24	Several	Not recorded
Redwhiskered Bulbul	No	8:26	1	Not recorded
Eurasian Hoopoe	No	8:26	1	Not recorded
Jungle Owlet	No	8:28	1	Not recorded
Coppersmith Barbet	No	8:32	1	Not recorded
Redwhiskered Bulbul	No	8:32	1	Not recorded
Oriental Magpie Robin	No	8:32	1	Not recorded
Common Iora	No	8:34	1	Not recorded
Coppersmith Barbet	No	8:34	1	Not recorded
Greater Coucal	No	8:34	1	Not recorded
Redwhiskered Bulbul	No	8:34	Several	Not recorded

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Whitecheeked Barbet	No	8:36	Several	Not recorded
Greater Coucal	No	8:36	1	Not recorded
Whitecheeked Barbet	No	8:40	Several	Not recorded
Redwhiskered Bulbul	No	8:40	1	Not recorded
Coppersmith Barbet	No	8:40	1	Not recorded
Black Drongo	No	8:44	1	Not recorded
Redwhiskered Bulbul	No	8:44	Several	Not recorded
Redwhiskered Bulbul	No	8:46	Several	Not recorded
Redwhiskered Bulbul	No	8:48	Several	Not recorded
Whitecheeked Barbet	No	8:48	Several	Not recorded
Redwhiskered Bulbul	No	8:50	1	Not recorded
Oriental White-eye	No	8:50	Several	Not recorded
Redwhiskered Bulbul	No	8:56	Several	Not recorded

These birds have been calling for the past ten minutes.

Redwhiskered Bulbul	No	9:00	1	Not recorded
Scarlet Minivet	No	9:00	1	Not recorded
Whitecheeked Barbet	No	9:00	Several	Not recorded
Black Drongo	No	9:02	1	Not recorded
Redwhiskered Bulbul	No	9:02	Several	Not recorded
Oriental Magpie Robin	No	9:04	1	Not recorded
Redwhiskered Bulbul	No	9:04	1	Not recorded
Black Drongo	No	9:04	1	Not recorded
Redwhiskered Bulbul	No	9:06	1	Not recorded
Scarlet Minivet	No	9:06	1	Not recorded
Redwhiskered Bulbul	No	9:08	Several	Not recorded
Black Drongo	No	9:08	1	Not recorded
Whitebreasted Waterhen	No	9:08	1	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	9:14	Several	Not recorded
Black Drongo	No	9:14	1	Not recorded
Coppersmith Barbet	No	9:14	1	Not recorded
Coppersmith Barbet	No	9:16	1	Not recorded
Redwhiskered Bulbul	No	9:16	Several	Not recorded
Redwhiskered Bulbul	No	9:18	Several	Not recorded
Coppersmith Barbet	No	9:18	1	Not recorded
Flowerpecker (species uncertain)	No	9:22	1	Not recorded
Redwhiskered Bulbul	No	9:22	Several	Not recorded
Jungle Babbler	No	9:24	Several	Not recorded
Redwhiskered Bulbul	No	9:24	1	Not recorded
Rufous Tree Pie	No	9:26	2	Not recorded
Common Iora	No	9:26	1	Not recorded
Black Drongo	No	9:28	1	Not recorded
Common Iora	No	9:28	1	Not recorded

HEARD BIRDS

Species	Uncertain ID?	Time	Number	Distance
Redwhiskered Bulbul	No	9:28	Several	Not recorded
Unknown	No	9:32	1	Not recorded
I heard "that 'tree' bird".				
Coppersmith Barbet	No	9:32	1	Not recorded
Redwhiskered Bulbul	No	9:32	1	Not recorded
Common Iora	No	9:32	1	Not recorded
Redvented Bulbul	No	9:32	1	Not recorded
Redvented Bulbul	No	9:34	2	Not recorded
Redwhiskered Bulbul	No	9:34	Several	Not recorded
Rufous Tree Pie	No	9:34	1	Not recorded
Whitecheeked Barbet	No	9:34	Several	Not recorded
Whitethroated Kingfisher	No	9:34	1	Not recorded
Coppersmith Barbet	No	9:34	1	Not recorded
Redwhiskered Bulbul	No	9:38	Several	Not recorded
Unknown	No	9:40	1	Not recorded
I heard the 'tree' bird.				
Redwhiskered Bulbul	No	9:42	Several	Not recorded
Common Iora	No	9:46	1	Not recorded
Whitecheeked Barbet	No	9:46	1	Not recorded
Redwhiskered Bulbul	No	9:46	1	Not recorded
Coppersmith Barbet	No	9:46	1	Not recorded
Redwhiskered Bulbul	No	9:48	Several	Not recorded
Coppersmith Barbet	No	9:48	1	Not recorded
Whitebrowed Bulbul	No	9:48	1	Not recorded
Whitecheeked Barbet	No	9:48	Several	Not recorded
Redwhiskered Bulbul	No	9:54	Several	Not recorded
Black Drongo	No	9:54	1	Not recorded
Redwhiskered Bulbul	No	9:58	1	Not recorded
Redwhiskered Bulbul	No	10:00	Several	Not recorded
Redwhiskered Bulbul	No	10:02	Several	Not recorded
Redwhiskered Bulbul	No	10:06	Several	Not recorded