

**Transect** 22      **Locality** Silveroak/coffee/pepper plantation between Kil Solakkadu and Solakkadu  
**Date** 7, May 01, 1999      **Weather** Cool, slightly windy, and mostly cloudy  
**Start Time** 8:05 AM      **Transect Direction** 180  
**Stop Time** 10:05 AM      **Altitude** 1145

**Area Description**

This transect took place within the silveroak/coffee/pepper plantation between Kil Solakkadu and Solakkadu. The transect ended adjacent to the bus stand for Putharpatti.

**Vegetation and General Description**

The transect took place within a fairly young silveroak/coffee/pepper plantation. To the south, the plantation was bordered by a road. Beyond the road, tapioca was being grown. To the west of the plantation, tapioca was present and beyond that lay shola. Fallow land (containing some silveroak and pine) was present to the north of the plantation.

**Notes**

At the start of the transect, I had trouble hearing calls because of Tamil music playing loudly from a nearby village.  
 At 8:13, the transect went through an area with a little bit of banana growing.  
 At 8:31, I had great difficulty hearing the bird calls because of the noise of a nearby rice mill. The rice mill kept running for most of the rest of the transect.  
 From 8:45 onwards, I had even greater difficulty hearing because of the drums being played at some nearby festival and because of the noise of cicadas. The drums stopped at 8:51. Soon afterwards (9:05), they restarted.  
 At 8:57, I was on the fence between the plantation and the open land.

**Flying Birds:**

**FLYING BIRDS**

Species	Uncertain ID?	Time	Number	Height
Largebilled Crow	No	9:11	5	Lower than 30 meters
Common Myna	No	9:33	1	Lower than 30 meters

**Stationary Birds**

**STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Redwhiskered Bulbul	No	8:27	1	Between 20 and 49 meters	2

**Heard Birds**

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Scarlet Minivet	No	8:05	1	Not recorded
Eurasian Hoopoe	No	8:05	1	Not recorded
Unknown	No	8:05	Several	Not recorded

I heard the 'tree' birds.

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Unknown	No	8:05	1	Not recorded

I heard a harsh call that sounded a bit like the squawking of a chicken. Rather, the call sounded like a cross between the calls of a chicken and a jungle babbler. Each call contained four squawks. The call was continuously repeated, in exactly the same way, with fifteen to twenty seconds between repeats.

The bird called for over fifteen minutes continuously. The bird was on the ground and solitary.

Common Iora	No	8:05	1	Not recorded
Malabar Whistling Thrush	No	8:05	1	Not recorded
Largebilled Crow	No	8:09	Several	Not recorded
Redwhiskered Bulbul	No	8:09	Several	Not recorded
Malabar Whistling Thrush	No	8:09	1	Not recorded
Grey Francolin	No	8:09	1	Not recorded
Coppersmith Barbet	No	8:09	1	Not recorded
Redwhiskered Bulbul	No	8:13	Several	Not recorded
Malabar Parakeet	No	8:15	1	Not recorded
Asian Koel	Yes	8:15	1	Not recorded

I heard a call, "ke ke ke ke ke" that was not as harsh as the call of a kingfisher. This call was softer and one-noted. In an earlier transect, I had identified this call as belonging to the koel.

Coppersmith Barbet	No	8:17	1	Not recorded
Largebilled Crow	No	8:17	Several	Not recorded
Flowerpecker (species uncertain)	No	8:17	1	Not recorded
Redwhiskered Bulbul	No	8:17	Several	Not recorded
Redwhiskered Bulbul	No	8:21	Several	Not recorded
Coppersmith Barbet	No	8:21	1	Not recorded
Largebilled Crow	No	8:21	Several	Not recorded
Redwhiskered Bulbul	No	8:25	Several	Not recorded
Common Iora	No	8:25	1	Not recorded
Jungle Babbler	No	8:25	Several	Not recorded
Coppersmith Barbet	No	8:25	1	Not recorded
Eurasian Hoopoe	No	8:27	1	Not recorded
Coppersmith Barbet	No	8:27	2	Not recorded
Malabar Whistling Thrush	No	8:27	1	Not recorded
Redwhiskered Bulbul	No	8:27	Several	Not recorded
Eurasian Hoopoe	No	8:29	1	Not recorded
Coppersmith Barbet	No	8:29	1	Not recorded
Redwhiskered Bulbul	No	8:29	Several	Not recorded
Common Iora	No	8:29	1	Not recorded
Yellowbilled Babbler	No	8:29	1	Not recorded
Greater Coucal	No	8:29	1	Not recorded
Greater Coucal	No	8:31	1	Not recorded
Redwhiskered Bulbul	No	8:31	Several	Not recorded
Redwhiskered Bulbul	No	8:35	Several	Not recorded
Jungle Babbler	No	8:35	Several	Not recorded
Grey Francolin	No	8:35	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Oriental Magpie Robin	No	8:35	1	Not recorded
Largebilled Crow	No	8:35	Several	Not recorded
Coppersmith Barbet	No	8:35	2	Not recorded
Coppersmith Barbet	No	8:37	1	Not recorded
Redwhiskered Bulbul	No	8:37	1	Not recorded
Largebilled Crow	No	8:37	Several	Not recorded
Redwhiskered Bulbul	No	8:39	Several	Not recorded
Largebilled Crow	No	8:39	Several	Not recorded
Grey Francolin	No	8:39	1	Not recorded
Black Drongo	No	8:39	1	Not recorded
Coppersmith Barbet	No	8:41	2	Not recorded
Largebilled Crow	No	8:41	Several	Not recorded
Black Drongo	No	8:41	1	Not recorded
Greater Coucal	No	8:53	1	Not recorded
Largebilled Crow	No	8:55	Several	Not recorded
Greater Coucal	No	8:55	1	Not recorded
Coppersmith Barbet	No	8:55	1	Not recorded
Unknown	No	8:57	1	Not recorded

I heard a high pitched and harsh call, "chaunk chaunk". The second "chaunk" was at a higher pitch than the first. The call was repeated once with a short break between the two calls.

Coppersmith Barbet	No	8:57	1	Not recorded
Largebilled Crow	No	8:57	Several	Not recorded
Greater Coucal	No	8:57	1	Not recorded
Greater Coucal	No	9:01	2	Not recorded
Coppersmith Barbet	No	9:03	2	Not recorded
Largebilled Crow	No	9:03	Several	Not recorded
Greater Coucal	No	9:03	1	Not recorded
Largebilled Crow	No	9:05	1	Not recorded
Coppersmith Barbet	No	9:05	2	Not recorded
Greater Coucal	No	9:07	1	Not recorded
Largebilled Crow	No	9:07	1	Not recorded
Largebilled Crow	No	9:09	Several	Not recorded
Greater Coucal	No	9:09	1	Not recorded
Coppersmith Barbet	No	9:11	1	Not recorded
Greater Coucal	No	9:11	1	Not recorded
Unknown	No	9:11	1	Not recorded

I heard the unknown "chaunk chaunk" call that I first heard at 8:57. The call was repeated three times with a short break between repeats.

Greater Coucal	No	9:19	1	Not recorded
Scarlet Minivet	No	9:29	1	Not recorded
Grey Francolin	No	9:29	1	Not recorded
Redwhiskered Bulbul	No	9:31	1	Not recorded
Black Drongo	No	9:31	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Coppersmith Barbet	No	9:31	1	Not recorded
Yellowbilled Babbler	No	9:31	1	Not recorded
Largebilled Crow	No	9:31	Several	Not recorded
Flowerpecker (species uncertain)	No	9:31	1	Not recorded
Redvented Bulbul	No	9:33	1	Not recorded
Black Drongo	No	9:33	1	Not recorded
Coppersmith Barbet	No	9:33	1	Not recorded
Scarlet Minivet	No	9:37	1	Not recorded
Coppersmith Barbet	No	9:37	1	Not recorded
Coppersmith Barbet	No	9:39	2	Not recorded
Coppersmith Barbet	No	9:41	1	Not recorded
Coppersmith Barbet	No	9:45	1	Not recorded
Coppersmith Barbet	No	9:51	1	Not recorded
Greater Coucal	No	9:51	1	Not recorded
Coppersmith Barbet	No	9:53	1	Not recorded
Greater Coucal	No	9:57	1	Not recorded
Unknown	No	9:57	1	Not recorded

I heard a quick, high pitched, and one-noted call, "see see see see see see etc.". The "see" frequency was roughly three a second. The call was not repeated.

Coppersmith Barbet	No	9:57	1	Not recorded
Coppersmith Barbet	No	9:59	1	Not recorded
Greater Coucal	No	9:59	1	Not recorded
Greater Coucal	No	10:01	2	Not recorded
Shikra	No	10:01	1	Not recorded
Common Myna	No	10:03	1	Not recorded
Greater Coucal	No	10:03	2	Not recorded
Coppersmith Barbet	No	10:03	1	Not recorded
Largebilled Crow	No	10:03	1	Not recorded

**Transect** 23      **Locality** Large rice field near Kulikuvalavu  
**Date** 7, May 02, 1999      **Weather** Sunny, clear, hot, and still.  
**Start Time** 8:03 AM      **Transect Direction** 60  
**Stop Time** 10:03 AM      **Altitude** 985

**Area Description**

This transect took place within a broad and quite large rice field near Kulikuvalavu.

**Vegetation and General Description**

The rice field was well over a kilometer in length and quite wide (over fifty meters). The field was bordered largely by jack trees, although lantana, coconut, and tapioca were also present. The surrounding hills were almost entirely denuded. The tapioca fields on either side of the paddy were quite large. The rice was about fully ripe and was being harvested.

**Notes****Flying Birds:****FLYING BIRDS**

Species	Uncertain ID?	Time	Number	Height
Shikra	No	8:03	1	Lower than 30 meters
Largebilled Crow	No	8:19	3	Lower than 30 meters
Shikra	No	8:19	1	Lower than 30 meters
This may be the same shikra that I heard before.				
Indian Pond Heron	No	8:21	1	Lower than 30 meters
Largebilled Crow	No	8:31	12	Lower than 30 meters
Largebilled Crow	No	8:37	20	Lower than 30 meters
Indian Pond Heron	No	8:39	1	Lower than 30 meters
Indian Pond Heron	No	8:41	1	Lower than 30 meters
Largebilled Crow	No	8:45	15	Lower than 30 meters
Palebilled Flowerpecker	No	8:59	1	Lower than 30 meters
Largebilled Crow	No	9:15	1	Lower than 30 meters
Flowerpecker (species uncertain)	No	9:17	1	Lower than 30 meters
Flowerpecker (species uncertain)	No	9:29	1	Lower than 30 meters
Oriental Magpie Robin	No	10:01	2	Lower than 30 meters

**Stationary Birds****STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Whitebreasted Waterhen	No	8:21	1	Between 10 and 19 meters	0
Common Kestrel	No	9:01	1	Between 20 and 49 meters	10
Zitting Cisticola	No	9:41	1	Not recorded	1

I saw a flowerpecker size bird sitting on a short stick in the middle of the rice field. The bird had a black beak and light underparts. The bird was continuously making a clicking call, but the call was slightly different than the accustomed flowerpecker clicking.

**Heard Birds**

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Redvented Bulbul	No	8:03	Several	Not recorded
Coppersmith Barbet	No	8:03	1	Not recorded
Largebilled Crow	No	8:03	2	Not recorded
Largebilled Crow	No	8:05	Several	Not recorded
Redvented Bulbul	No	8:05	Several	Not recorded
Black Drongo	No	8:05	1	Not recorded
Greater Coucal	No	8:05	2	Not recorded
Coppersmith Barbet	No	8:07	1	Not recorded
Redvented Bulbul	No	8:07	1	Not recorded
Black Drongo	No	8:07	1	Not recorded
Largebilled Crow	No	8:07	Several	Not recorded
Common Myna	No	8:07	1	Not recorded
Whitecheeked Barbet	No	8:09	1	Not recorded
Coppersmith Barbet	No	8:09	1	Not recorded
Largebilled Crow	No	8:09	Several	Not recorded
Redvented Bulbul	No	8:09	1	Not recorded
Common Myna	No	8:09	1	Not recorded
Common Myna	No	8:11	1	Not recorded
Redvented Bulbul	No	8:11	1	Not recorded
Largebilled Crow	No	8:11	Several	Not recorded
Coppersmith Barbet	No	8:11	1	Not recorded
Shikra	No	8:11	1	Not recorded
Coppersmith Barbet	No	8:13	1	Not recorded
Largebilled Crow	No	8:13	Several	Not recorded
Redvented Bulbul	No	8:13	1	Not recorded
Common Myna	No	8:13	1	Not recorded
Shikra	No	8:13	1	Not recorded
Greater Coucal	No	8:13	1	Not recorded
Redvented Bulbul	No	8:15	1	Not recorded
Coppersmith Barbet	No	8:15	1	Not recorded
Largebilled Crow	No	8:15	Several	Not recorded
Greater Coucal	No	8:15	2	Not recorded
Common Myna	No	8:15	Several	Not recorded
Jungle Owlet	No	8:21	1	Not recorded
Largebilled Crow	No	8:21	Several	Not recorded
Coppersmith Barbet	No	8:21	1	Not recorded
Largebilled Crow	No	8:25	Several	Not recorded
Coppersmith Barbet	No	8:25	2	Not recorded
Redvented Bulbul	No	8:25	1	Not recorded
Largebilled Crow	No	8:27	Several	Not recorded
Shikra	No	8:27	1	Not recorded
Coppersmith Barbet	No	8:27	1	Not recorded
Coppersmith Barbet	No	8:29	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Coppersmith Barbet	No	9:05	2	Not recorded
Black Drongo	No	9:05	2	Not recorded
Redwhiskered Bulbul	No	9:05	1	Not recorded
Largebilled Crow	No	9:09	Several	Not recorded
Black Drongo	No	9:09	1	Not recorded
Redvented Bulbul	No	9:09	1	Not recorded
Oriental Magpie Robin	No	9:09	1	Not recorded
Black Drongo	No	9:11	1	Not recorded
Oriental Magpie Robin	No	9:11	1	Not recorded
Coppersmith Barbet	No	9:11	2	Not recorded
Redvented Bulbul	No	9:11	1	Not recorded
Jungle Owlet	No	9:15	1	Not recorded
Oriental Magpie Robin	No	9:15	1	Not recorded
Black Drongo	No	9:15	1	Not recorded
Coppersmith Barbet	No	9:15	Several	Not recorded
Flowerpecker (species uncertain)	No	9:15	1	Not recorded
Greater Coucal	No	9:17	2	Not recorded
Coppersmith Barbet	No	9:17	1	Not recorded
Largebilled Crow	No	9:17	Several	Not recorded
Oriental Magpie Robin	No	9:17	1	Not recorded
Redvented Bulbul	No	9:17	1	Not recorded
Greater Coucal	No	9:19	1	Not recorded
Redvented Bulbul	No	9:19	Several	Not recorded
Jungle Owlet	No	9:19	1	Not recorded
Largebilled Crow	No	9:19	Several	Not recorded
Flowerpecker (species uncertain)	No	9:19	1	Not recorded
Greater Coucal	No	9:21	1	Not recorded
Coppersmith Barbet	No	9:21	Several	Not recorded
Black Drongo	No	9:21	1	Not recorded
Coppersmith Barbet	No	9:21	1	Not recorded
Jungle Owlet	No	9:21	1	Not recorded
Redwhiskered Bulbul	No	9:23	Several	Not recorded
Coppersmith Barbet	No	9:23	1	Not recorded
Black Drongo	No	9:23	1	Not recorded
Largebilled Crow	No	9:23	Several	Not recorded
Jungle Owlet	No	9:27	1	Not recorded
Whitebreasted Waterhen	No	9:27	1	Not recorded
Redwhiskered Bulbul	No	9:27	Several	Not recorded
Black Drongo	No	9:27	1	Not recorded
Black Drongo	No	9:29	1	Not recorded
Largebilled Crow	No	9:29	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Largebilled Crow	No	8:29	Several	Not recorded
Flowerpecker (species uncertain)	No	8:31	1	Not recorded
Common Myna	No	8:31	1	Not recorded
Coppersmith Barbet	No	8:31	2	Not recorded
Largebilled Crow	No	8:33	Several	Not recorded
Coppersmith Barbet	No	8:33	2	Not recorded
Redwhiskered Bulbul	No	8:33	1	Not recorded
Redwhiskered Bulbul	No	8:35	1	Not recorded
Largebilled Crow	No	8:35	Several	Not recorded
Common Myna	No	8:35	1	Not recorded
Redwhiskered Bulbul	No	8:37	2	Not recorded
Coppersmith Barbet	No	8:37	1	Not recorded
Largebilled Crow	No	8:41	Several	Not recorded
Whitebreasted Waterhen	No	8:45	1	Not recorded
Shikra	No	8:45	1	Not recorded
Coppersmith Barbet	No	8:45	1	Not recorded
Shikra	No	8:49	1	Not recorded
Largebilled Crow	No	8:49	Several	Not recorded
Coppersmith Barbet	No	8:49	1	Not recorded
Coppersmith Barbet	No	8:51	1	Not recorded
Redwhiskered Bulbul	No	8:51	1	Not recorded
Oriental Magpie Robin	No	8:51	1	Not recorded
Whitebreasted Waterhen	No	8:51	1	Not recorded
Whitebreasted Waterhen	No	8:53	1	Not recorded
Whitethroated Kingfisher	No	8:53	1	Not recorded
Coppersmith Barbet	No	8:53	1	Not recorded
Largebilled Crow	No	8:53	Several	Not recorded
Coppersmith Barbet	No	8:55	Several	Not recorded
Whitethroated Kingfisher	No	8:55	1	Not recorded
Whitethroated Kingfisher	No	8:57	1	Not recorded
Coppersmith Barbet	No	8:57	1	Not recorded
Largebilled Crow	No	8:57	Several	Not recorded
Common Iora	No	8:57	1	Not recorded
Black Drongo	No	8:57	1	Not recorded
Common Iora	No	8:59	1	Not recorded
Whitethroated Kingfisher	No	8:59	1	Not recorded
Coppersmith Barbet	No	9:01	1	Not recorded
Oriental Magpie Robin	No	9:01	1	Not recorded
Common Myna	No	9:01	1	Not recorded
Redwhiskered Bulbul	No	9:01	1	Not recorded
Largebilled Crow	No	9:01	Several	Not recorded
Redvented Bulbul	No	9:05	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Flowerpecker (species uncertain)	No	9:31	2	Not recorded
Jungle Owlet	No	9:31	1	Not recorded
Black Drongo	No	9:33	1	Not recorded
Whitebreasted Waterhen	No	9:33	1	Not recorded
Largebilled Crow	No	9:33	Several	Not recorded
Common Myna	No	9:35	1	Not recorded
Whitecheeked Barbet	No	9:35	1	Not recorded
Coppersmith Barbet	No	9:35	Several	Not recorded
Flowerpecker (species uncertain)	No	9:35	1	Not recorded
Black Drongo	No	9:35	1	Not recorded
Flowerpecker (species uncertain)	No	9:41	1	Not recorded
Black Drongo	No	9:41	1	Not recorded
Coppersmith Barbet	No	9:41	Several	Not recorded
Oriental Magpie Robin	No	9:43	Several	Not recorded
Coppersmith Barbet	No	9:43	Several	Not recorded
Flowerpecker (species uncertain)	No	9:43	1	Not recorded
Coppersmith Barbet	No	9:45	Several	Not recorded
Flowerpecker (species uncertain)	No	9:45	1	Not recorded
Zitting Cisticola	No	9:45	2	Not recorded
I heard the call that was made by the flowerpecker-like bird that I sighted four minutes earlier.				
Zitting Cisticola	No	9:49	Several	Not recorded
I heard the call that was made by the flowerpecker-like bird that I sighted at 9:41.				
Black Drongo	No	9:49	1	Not recorded
Coppersmith Barbet	No	9:53	Several	Not recorded
Redvented Bulbul	No	9:53	1	Not recorded
Greater Coucal	No	9:53	1	Not recorded
Common Iora	No	9:55	1	Not recorded
Black Drongo	No	9:55	1	Not recorded
Coppersmith Barbet	No	9:55	Several	Not recorded
Largebilled Crow	No	9:55	1	Not recorded
Zitting Cisticola	No	9:57	1	Not recorded
I heard the call that was made by the flowerpecker-like bird that I sighted at 9:41.				
Coppersmith Barbet	No	9:57	Several	Not recorded
Black Drongo	No	9:57	1	Not recorded
Largebilled Crow	No	9:57	Several	Not recorded
Black Drongo	No	9:59	1	Not recorded
Largebilled Crow	No	9:59	Several	Not recorded
Coppersmith Barbet	No	9:59	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Zitting Cisticola	No	9:59	1	Not recorded
I heard the call that was made by the flowerpecker-like bird that I sighted at 9:41.				
Largebilled Crow	No	10:01	1	Not recorded
Coppersmith Barbet	No	10:01	Several	Not recorded
Zitting Cisticola	No	10:01	1	Not recorded
I heard the call that was made by the flowerpecker-like bird that I sighted at 9:41.				

**Transect** 24      **Locality** Shola near Forest Department Office in Semmedu  
**Date** , April 05, 1999      **Weather** Completely cloudy and cool.  
**Start Time** 8:04 AM      **Transect Direction** 345  
**Stop Time** 10:04 AM      **Altitude** 1205

**Area Description**

This transect took place within the shola roughly a kilometer northwest of the Forest Department compound in Semmedu. This transect took place in the same general area as the previous two transects that were conducted behind the compound.

**Vegetation and General Description**

The shola was suffering from very heavy cutting pressure. The canopy tree density was very low and the undergrowth was both thick and unpenetrable. Lantana was present in some areas. The last 150 meters (approximately) of the transect took place on a large bare patch in which all the soil had eroded away completely.

**Notes**

Whitecheeked barbets were heard throughout the transect in great numbers and were not recorded. At 9:27, the transect entered the large bare rock clearing. At 9:52, the transect was out of the clearing and back in shola.

**Flying Birds:****Stationary Birds****STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Jungle Myna	No	8:28	1	Between 10 and 19 meters	10

**Heard Birds****HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Greater Coucal	No	8:04	1	Not recorded
Scarlet Minivet	No	8:04	Several	Not recorded
Yellowbrowed Bulbul	No	8:04	Several	Not recorded
Tickell's Blue Flycatcher	No	8:04	Several	Not recorded
Common Myna	No	8:04	Several	Not recorded
Redwhiskered Bulbul	No	8:04	Several	Not recorded
Jungle Myna	No	8:04	Several	Not recorded
Common Iora	No	8:04	Several	Not recorded
Tickell's Blue Flycatcher	No	8:08	1	Not recorded
Unknown	No	8:08	1	Not recorded

I heard a call that had the tone of a flowerpecker's call, but the speed of a velvetfronted nuthatch's call. The call was continuously repeated with a pause of at least ten to twenty seconds between calls. Each call lasted for two to three seconds.

Jungle Myna	No	8:08	Several	Not recorded
Malabar Parakeet	No	8:08	1	Not recorded
Greater Coucal	No	8:08	1	Not recorded
Whitebrowed Bulbul	No	8:08	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Redwhiskered Bulbul	No	8:10	Several	Not recorded
Greater Coucal	No	8:10	1	Not recorded
Jungle Myna	No	8:10	Several	Not recorded
Common Myna	No	8:10	Several	Not recorded
Common Iora	No	8:10	1	Not recorded
Coppersmith Barbet	No	8:10	1	Not recorded
Jungle Myna	No	8:12	Several	Not recorded
Whitebrowed Bulbul	No	8:12	1	Not recorded
Oriental Magpie Robin	No	8:12	1	Not recorded
Coppersmith Barbet	No	8:12	1	Not recorded
Redwhiskered Bulbul	No	8:12	Several	Not recorded
Common Iora	No	8:12	1	Not recorded
Common Myna	No	8:14	Several	Not recorded
Yellowbrowed Bulbul	No	8:14	1	Not recorded
Scarlet Minivet	No	8:14	Several	Not recorded
Flowerpecker (species uncertain)	No	8:14	1	Not recorded
Redwhiskered Bulbul	No	8:14	1	Not recorded
Greater Coucal	No	8:14	1	Not recorded
Jungle Myna	No	8:14	Several	Not recorded
Coppersmith Barbet	No	8:16	1	Not recorded
Scarlet Minivet	No	8:16	Several	Not recorded
Whitebrowed Bulbul	No	8:16	1	Not recorded
Jungle Myna	No	8:16	Several	Not recorded
Scarlet Minivet	No	8:16	Several	Not recorded
Unknown	No	8:16	1	Not recorded
I heard the call that I first heard at 8:08.				
Yellowbrowed Bulbul	No	8:16	1	Not recorded
Common Iora	No	8:18	Several	Not recorded
Common Myna	No	8:18	Several	Not recorded
Tickell's Blue Flycatcher	No	8:18	1	Not recorded
Greater Coucal	No	8:18	1	Not recorded
Jungle Myna	No	8:18	Several	Not recorded
Scarlet Minivet	No	8:20	Several	Not recorded
Malabar Parakeet	No	8:20	1	Not recorded
Common Myna	No	8:20	Several	Not recorded
Jungle Myna	No	8:20	Several	Not recorded
Largebilled Crow	No	8:20	1	Not recorded
Tickell's Blue Flycatcher	No	8:20	1	Not recorded
Common Iora	No	8:20	Several	Not recorded
Yellowbrowed Bulbul	No	8:20	Several	Not recorded
Unknown	No	8:22	1	Not recorded

I heard the unknown call that I first heard at 8:08.

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Common Iora	No	8:22	1	Not recorded
Redwhiskered Bulbul	No	8:22	1	Not recorded
Grey Francolin	No	8:22	1	Far away, at an indeterminate distance
Scarlet Minivet	No	8:22	Several	Not recorded
Greater Coucal	No	8:22	1	Not recorded
Palebilled Flowerpecker	No	8:22	1	Not recorded
Tickell's Blue Flycatcher	No	8:24	1	Not recorded
Greater Coucal	No	8:24	1	Not recorded
Unknown	No	8:24	1	Not recorded

I heard a quick call, "see see see see see etc.". The "see" frequency was roughly two or three a second. The tone of the call was iora-like and it was repeated several times, with a short pause in between repeats.

Common Iora	No	8:24	Several	Not recorded
Unknown	No	8:24	1	Not recorded

I heard the call that I first heard at 8:08.

Jungle Myna	No	8:24	Several	Not recorded
Greater Coucal	No	8:28	1	Not recorded
Coppersmith Barbet	No	8:28	1	Not recorded
Common Iora	No	8:28	Several	Not recorded
Plain Flowerpecker	No	8:28	1	Not recorded
Jungle Myna	No	8:30	1	Not recorded
Tickell's Blue Flycatcher	No	8:30	1	Not recorded
Redwhiskered Bulbul	No	8:30	Several	Not recorded
Unknown	No	8:30	1	Not recorded

I heard a two-noted call with a recorder-like tone. The call had a clear and bright tone. The second note was at a higher pitch. The call was repeated, with a ten second (or greater) break between identical repeats. The call was coming from the undergrowth.

Plumheaded Parakeet	No	8:30	1	Not recorded
Eurasian Hoopoe	No	8:30	1	Not recorded
Palebilled Flowerpecker	No	8:30	1	Not recorded
Flowerpecker (species uncertain)	No	8:36	1	Not recorded
Coppersmith Barbet	No	8:36	1	Not recorded
Shikra	No	8:36	1	Far away, at an indeterminate distance
Greater Coucal	No	8:36	Several	Not recorded
Malabar Parakeet	No	8:36	2	Not recorded
Common Myna	No	8:36	Several	Not recorded
Redwhiskered Bulbul	No	8:36	Several	Not recorded
Tickell's Blue Flycatcher	No	8:36	1	Not recorded
Common Iora	No	8:40	Several	Not recorded
Tickell's Blue Flycatcher	No	8:40	1	Not recorded
Malabar Parakeet	No	8:40	1	Not recorded
Greater Coucal	No	8:40	1	Not recorded
Common Myna	No	8:42	Several	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Largebilled Crow	No	8:42	1	Not recorded
Flowerpecker (species uncertain)	No	8:42	1	Not recorded
Malabar Parakeet	No	8:42	1	Not recorded
Malabar Parakeet	No	8:44	1	Not recorded
Common Iora	No	8:44	Several	Not recorded
Greater Coucal	No	8:44	1	Not recorded
Largetailed Nightjar	No	8:44	1	Not recorded

This call sounded exactly like the one produced by the nightjar, but the call was made in the middle of the day.

Yellowbrowed Bulbul	No	8:44	1	Not recorded
Scarlet Minivet	No	8:44	Several	Not recorded
Flowerpecker (species uncertain)	No	8:44	1	Not recorded
Common Iora	No	8:46	Several	Not recorded
Tickell's Blue Flycatcher	No	8:46	1	Not recorded
Common Myna	No	8:46	Several	Not recorded
Greater Coucal	No	8:46	2	Not recorded
Largebilled Crow	No	8:46	1	Not recorded
Scarlet Minivet	No	8:46	1	Not recorded
Malabar Parakeet	No	8:46	Several	Not recorded
Jungle Myna	No	8:48	Several	Not recorded
Plain Flowerpecker	No	8:48	1	Not recorded
Palebilled Flowerpecker	No	8:48	1	Not recorded
Common Myna	No	8:48	Several	Not recorded
Redwhiskered Bulbul	No	8:48	Several	Not recorded
Largebilled Crow	No	8:48	1	Not recorded
Eurasian Hoopoe	No	8:48	1	Not recorded
Greater Coucal	No	8:48	2	Not recorded
Scarlet Minivet	No	8:48	1	Not recorded
Oriental Magpie Robin	No	8:52	1	Not recorded
Unknown	No	8:52	1	Not recorded

I heard a call, "tuk tuk", that was like a coppersmith's call but at a higher frequency. Each run was fairly short and it was repeated several times, with a short break between repeats. Could this be the bigger version of the coppersmith barbet?

Common Iora	No	8:52	Several	Not recorded
Unknown	No	8:54	1	Not recorded

I heard the "see" call that I first heard at 8:24.

Black Drongo	No	8:54	1	Not recorded
Greater Coucal	No	8:54	1	Not recorded
Common Myna	No	8:56	1	Not recorded
Coppersmith Barbet	No	8:56	1	Not recorded
Common Iora	No	8:56	Several	Not recorded
Grey Francolin	No	8:56	1	Far away, at an indeterminate distance

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Black Drongo	No	8:56	1	Not recorded
Redwhiskered Bulbul	No	8:56	Several	Not recorded
Unknown	No	9:00	1	Not recorded

I heard a call that was similar to the one made by the coppersmith barbet, except that this call was much slower and more irregular.

Common Iora	No	9:00	Several	Not recorded
Unknown	No	9:02	2	Not recorded

I heard a chirring call that was in form alone like the call made by the whitebrowed bulbul. The two birds were echoing each other and called continuously for several minutes.

Common Iora	No	9:06	Several	Not recorded
Greater Coucal	No	9:06	1	Not recorded
Largebilled Crow	No	9:12	1	Not recorded
Unknown	No	9:12	1	Not recorded

I heard the call that I first heard at 9:00.

Greater Coucal	No	9:12	1	Not recorded
Common Iora	No	9:12	Several	Not recorded
Flowerpecker (species uncertain)	No	9:12	1	Not recorded

Asian Koel	Yes	9:14	1	Far away, at an indeterminate distance
------------	-----	------	---	--

I heard "that koel thing" in the distance.

Scarlet Minivet	No	9:14	1	Not recorded
Asian Koel	Yes	9:16	1	Not recorded

I heard "that koel thing".

Common Myna	No	9:16	Several	Not recorded
Jungle Myna	No	9:16	Several	Not recorded
Flowerpecker (species uncertain)	No	9:16	1	Not recorded
Asian Koel	Yes	9:20	1	Not recorded

I heard "that koel thing".

Common Iora	No	9:20	1	Not recorded
Flowerpecker (species uncertain)	No	9:20	1	Not recorded
Oriental Magpie Robin	No	9:20	1	Not recorded
Whitebrowed Bulbul	No	9:20	1	Not recorded
Greater Coucal	No	9:20	1	Not recorded
Largebilled Crow	No	9:20	1	Not recorded
Redwhiskered Bulbul	No	9:27	Several	Not recorded
Flowerpecker (species uncertain)	No	9:27	1	Not recorded
Redwhiskered Bulbul	No	9:30	Several	Not recorded
Redwhiskered Bulbul	No	9:34	Several	Not recorded
Unknown	No	9:36	1	Not recorded

I heard the chirring call that I first heard at 9:02.

Redwhiskered Bulbul	No	9:36	Several	Not recorded
---------------------	----	------	---------	--------------

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Coppersmith Barbet	No	9:40	1	Not recorded
Redwhiskered Bulbul	No	9:40	Several	Not recorded
Black Drongo	No	9:46	1	Not recorded
Whitebrowed Bulbul	No	9:46	1	Not recorded
Common Iora	No	9:46	1	Not recorded
Redwhiskered Bulbul	No	9:46	Several	Not recorded
Greater Coucal	No	9:46	1	Not recorded
Largebilled Crow	No	9:48	1	Not recorded
Common Iora	No	9:48	1	Not recorded
Redwhiskered Bulbul	No	9:48	Several	Not recorded
Whitebrowed Bulbul	No	9:48	1	Not recorded
Redwhiskered Bulbul	No	9:50	Several	Not recorded
Plain Flowerpecker	No	9:50	1	Not recorded
Greater Coucal	No	9:52	1	Not recorded
Redwhiskered Bulbul	No	9:52	Several	Not recorded
Flowerpecker (species uncertain)	No	9:52	1	Not recorded
Whitebrowed Bulbul	No	9:54	1	Not recorded
Largetailed Nightjar	No	9:54	1	Not recorded
I heard the nightjar call again during the day.				
Whitebrowed Bulbul	No	9:56	1	Not recorded
Flowerpecker (species uncertain)	No	9:56	1	Not recorded
Redwhiskered Bulbul	No	9:56	Several	Not recorded

**Transect** 25      **Locality** Large rice field near Kulikuvalavu  
**Date** 7, May 05, 1999      **Weather** Hot, still, and slight thin cloud cover present  
**Start Time** 8:10 AM      **Transect Direction** 60  
**Stop Time** 10:10 AM      **Altitude** 985

### Area Description

This transect took place within a broad and quite large rice field near Kulikuvalavu. This transect started at the endpoint of the transect performed on May second.

### Vegetation and General Description

The rice field was well over a kilometer in length and quite wide (over fifty meters). The field was bordered largely by jack trees, although lantana, coconut, and tapioca were also present. The surrounding hills were almost entirely denuded. The tapioca fields on either side of the paddy were quite large. The rice was about fully ripe and was being harvested.

### Notes

At 9:10, I noted that Tamil music was blaring from a nearby village, making it hard to hear the bird calls. By the end of the transect, the weather had changed from what had been recorded at the beginning of the transect. The sky was fully cloudy and a breeze was blowing. It was threatening to rain.

### Flying Birds:

#### FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Largebilled Crow	No	8:14	1	Lower than 30 meters
Indian Pond Heron	No	8:18	1	Lower than 30 meters
Ashy Wood Swallow	No	8:22	2	Lower than 30 meters
The birds were mobbing a jungle crow.				
Largebilled Crow	No	8:22	1	Lower than 30 meters
The crow was being mobbed by the two wood swallows.				
Largebilled Crow	No	8:28	1	Lower than 30 meters
The crow was being mobbed by a ashy wood swallow.				
Largebilled Crow	No	8:28	10	Lower than 30 meters
Ashy Wood Swallow	No	8:28	1	Lower than 30 meters
The swallow was mobbing a jungle crow.				
Zitting Cisticola	No	8:32	1	Lower than 30 meters
I sighted the flowerpecker-like bird that I described in my previous transect in this rice field. The bird was the size of a flowerpecker and making clicking sounds that were somewhat like the flowerpecker's non-metallic clicks. However, the bird was not flying like a flowerpecker. It was skimming the surface of the rice field in a jerky up and down flight. As it flew it was making roughly one click a second.				
Zitting Cisticola	No	8:36	1	Lower than 30 meters
I sighted the unknown flowerpecker-like bird that I saw four minutes earlier.				
Black Drongo	No	8:56	2	Lower than 30 meters
Zitting Cisticola	No	9:14	1	Lower than 30 meters
I sighted the flowerpecker-like bird that I sighted at 8:32.				
Ashy Wood Swallow	No	9:16	1	Lower than 30 meters
Zitting Cisticola	No	9:38	1	Lower than 30 meters
I saw the flowerpecker-like bird that I described at 8:32.				
Largebilled Crow	No	10:02	6	Higher than 30 meters

**FLYING BIRDS**

Species	Uncertain ID?	Time	Number	Height
Zitting Cisticola	No	10:04	1	Lower than 30 meters
I sighted that unknown flowerpecker-like bird that I described at 8:32.				
Largebilled Crow	No	10:04	10	Lower than 30 meters

**Stationary Birds**

**STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Indian Pond Heron	No	8:14	1	Between 20 and 49 meters	0
Black Drongo	No	8:52	1	Between 10 and 19 meters	10
Largebilled Crow	No	9:42	1	Between 20 and 49 meters	10
Largebilled Crow	No	9:50	1	Less than 5 meters	10

**Heard Birds**

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Oriental Magpie Robin	No	8:10	1	Not recorded
Largebilled Crow	No	8:10	Several	Not recorded
Coppersmith Barbet	No	8:10	Several	Not recorded
Brown Shrike	No	8:12	1	Not recorded
Oriental Magpie Robin	No	8:12	1	Not recorded
Flowerpecker (species uncertain)	No	8:12	1	Not recorded
Largebilled Crow	No	8:12	Several	Not recorded
Redwhiskered Bulbul	No	8:12	1	Not recorded
Largebilled Crow	No	8:14	Several	Not recorded
Greater Coucal	No	8:14	1	Not recorded
Coppersmith Barbet	No	8:14	2	Not recorded
Redwhiskered Bulbul	No	8:14	1	Not recorded
Brown Shrike	No	8:14	1	Not recorded
Redwhiskered Bulbul	No	8:16	Several	Not recorded
Coppersmith Barbet	No	8:16	1	Not recorded
Oriental Magpie Robin	No	8:16	1	Not recorded
Largebilled Crow	No	8:16	1	Not recorded
Largebilled Crow	No	8:18	Several	Not recorded
Redwhiskered Bulbul	No	8:18	Several	Not recorded
Coppersmith Barbet	No	8:18	Several	Not recorded
Redvented Bulbul	No	8:18	1	Not recorded
Black Drongo	No	8:22	1	Not recorded
Largebilled Crow	No	8:22	Several	Not recorded
Redwhiskered Bulbul	No	8:22	Several	Not recorded
Redwhiskered Bulbul	No	8:26	Several	Not recorded
Largebilled Crow	No	8:26	Several	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Coppersmith Barbet	No	8:26	Several	Not recorded
Greater Coucal	No	8:28	1	Not recorded
Oriental Magpie Robin	No	8:28	1	Not recorded
Coppersmith Barbet	No	8:28	Several	Not recorded
Largebilled Crow	No	8:30	Several	Not recorded
Coppersmith Barbet	No	8:30	2	Not recorded
Oriental Magpie Robin	No	8:30	1	Not recorded
Whitebrowed Bulbul	No	8:32	1	Not recorded
Largebilled Crow	No	8:32	Several	Not recorded
Coppersmith Barbet	No	8:32	1	Not recorded
Jungle Owlet	No	8:34	1	Not recorded
Redwhiskered Bulbul	No	8:36	1	Not recorded
Coppersmith Barbet	No	8:36	2	Not recorded
Largebilled Crow	No	8:36	Several	Not recorded
Zitting Cisticola	No	8:38	Several	Not recorded

I heard many more of the flowerpecker-like birds that I sighted six minutes earlier.

Coppersmith Barbet	No	8:38	Several	Not recorded
Largebilled Crow	No	8:38	1	Not recorded
Jungle Myna	No	8:38	Several	Not recorded
Ashy Wood Swallow	No	8:40	1	Not recorded
Common Iora	No	8:40	1	Not recorded
Jungle Myna	No	8:42	Several	Not recorded
Flowerpecker (species uncertain)	No	8:42	1	Not recorded
Redvented Bulbul	No	8:42	1	Not recorded
Largebilled Crow	No	8:42	Several	Not recorded
Redwhiskered Bulbul	No	8:42	1	Not recorded
Coppersmith Barbet	No	8:42	1	Not recorded
Common Iora	No	8:42	1	Not recorded
Common Myna	No	8:42	Several	Not recorded
Greater Coucal	No	8:44	1	Not recorded
Black Drongo	No	8:44	1	Not recorded
Redvented Bulbul	No	8:44	Several	Not recorded
Coppersmith Barbet	No	8:44	Several	Not recorded
Largebilled Crow	No	8:44	Several	Not recorded
Oriental Magpie Robin	No	8:44	1	Not recorded
Jungle Babbler	No	8:44	Several	Not recorded
Flowerpecker (species uncertain)	No	8:44	1	Not recorded
Ashy Wood Swallow	No	8:44	1	Not recorded
Common Iora	No	8:46	1	Not recorded
Redvented Bulbul	No	8:46	Several	Not recorded
Coppersmith Barbet	No	8:46	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Largebilled Crow	No	8:52	Several	Not recorded
Common Iora	No	8:52	1	Not recorded
Redvented Bulbul	No	8:52	1	Not recorded
Jungle Owlet	No	8:52	1	Not recorded
Jungle Myna	No	8:52	Several	Not recorded
Common Myna	No	8:52	Several	Not recorded
Coppersmith Barbet	No	8:54	2	Not recorded
Largebilled Crow	No	8:54	Several	Not recorded
Redvented Bulbul	No	8:56	1	Not recorded
Largebilled Crow	No	8:56	Several	Not recorded
Greater Coucal	No	8:56	1	Not recorded
Coppersmith Barbet	No	8:56	Several	Not recorded
Zitting Cisticola	No	8:56	1	Not recorded

I heard the flowerpecker-like call that I heard at 8:38.

Common Iora	No	8:56	1	Not recorded
Redwhiskered Bulbul	No	8:56	Several	Not recorded
Greater Coucal	No	9:00	1	Not recorded
Ashy Wood Swallow	No	9:00	1	Not recorded
Largebilled Crow	No	9:00	Several	Not recorded
Coppersmith Barbet	No	9:00	1	Not recorded
Black Drongo	No	9:00	1	Not recorded
Common Iora	No	9:00	1	Not recorded
Redwhiskered Bulbul	No	9:02	1	Not recorded
Redvented Bulbul	No	9:02	1	Not recorded
Common Iora	No	9:02	1	Not recorded
Black Drongo	No	9:02	1	Not recorded
Largebilled Crow	No	9:02	Several	Not recorded
Largebilled Crow	No	9:06	Several	Not recorded
Coppersmith Barbet	No	9:06	2	Not recorded
Zitting Cisticola	No	9:06	1	Not recorded

I heard the call that I first heard at 8:38.

Black Drongo	No	9:06	1	Not recorded
Jungle Owlet	No	9:06	1	Not recorded
Greater Coucal	No	9:08	1	Not recorded
Redwhiskered Bulbul	No	9:08	Several	Not recorded
Common Iora	No	9:08	1	Not recorded
Black Drongo	No	9:08	1	Not recorded
Largebilled Crow	No	9:08	Several	Not recorded
Black Drongo	No	9:10	1	Not recorded
Greater Coucal	No	9:10	1	Not recorded
Coppersmith Barbet	No	9:10	Several	Not recorded
Largebilled Crow	No	9:12	Several	Not recorded
Greater Coucal	No	9:12	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Jungle Myna	No	9:12	Several	Not recorded
Largebilled Crow	No	9:14	Several	Not recorded
Black Drongo	No	9:14	2	Not recorded
Jungle Owlet	No	9:16	1	Not recorded
Redvented Bulbul	No	9:16	Several	Not recorded
Largebilled Crow	No	9:16	Several	Not recorded
Zitting Cisticola	No	9:16	1	Not recorded

I heard the call that I first heard at 8:38.

Coppersmith Barbet	No	9:16	1	Not recorded
Coppersmith Barbet	No	9:18	1	Not recorded
Zitting Cisticola	No	9:18	1	Not recorded

I heard the call that I first heard at 8:38.

Redvented Bulbul	No	9:18	1	Not recorded
Largebilled Crow	No	9:18	Several	Not recorded
Brown Shrike	No	9:18	1	Not recorded
Oriental Magpie Robin	No	9:18	1	Not recorded
Redwhiskered Bulbul	No	9:18	1	Not recorded
Redwhiskered Bulbul	No	9:22	Several	Not recorded
Coppersmith Barbet	No	9:22	1	Not recorded
Zitting Cisticola	No	9:22	1	Not recorded

I heard the call that I first heard at 8:38.

Largebilled Crow	No	9:22	Several	Not recorded
Jungle Owlet	No	9:24	1	Not recorded
Redwhiskered Bulbul	No	9:24	Several	Not recorded
Coppersmith Barbet	No	9:24	1	Not recorded
Zitting Cisticola	No	9:24	1	Not recorded

I heard the call that I first heard at 8:38.

Oriental Magpie Robin	No	9:24	1	Not recorded
Largebilled Crow	No	9:26	Several	Not recorded
Redvented Bulbul	No	9:26	1	Not recorded
Black Drongo	No	9:26	1	Not recorded
Coppersmith Barbet	No	9:28	Several	Not recorded
Black Drongo	No	9:28	1	Not recorded
Greater Coucal	No	9:28	1	Not recorded
Coppersmith Barbet	No	9:30	Several	Not recorded
Greater Coucal	No	9:30	1	Not recorded
Black Drongo	No	9:30	1	Not recorded
Largebilled Crow	No	9:30	1	Not recorded
Coppersmith Barbet	No	9:32	Several	Not recorded
Largebilled Crow	No	9:32	Several	Not recorded
Greater Coucal	No	9:32	1	Not recorded
Zitting Cisticola	No	9:32	1	Not recorded

I heard the call that I first heard at 8:38.

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Black Drongo	No	9:32	1	Not recorded
Zitting Cisticola	No	9:34	Several	Not recorded
I heard the call that I first heard at 8:38.				
Redwhiskered Bulbul	No	9:34	1	Not recorded
Coppersmith Barbet	No	9:34	Several	Not recorded
Greater Coucal	No	9:36	1	Not recorded
Coppersmith Barbet	No	9:36	Several	Not recorded
Zitting Cisticola	No	9:36	Several	Not recorded
I heard the call that I first heard at 8:38.				
Jungle Owlet	No	9:36	1	Not recorded
Largebilled Crow	No	9:36	1	Not recorded
Redwhiskered Bulbul	No	9:36	1	Not recorded
Largebilled Crow	No	9:38	1	Not recorded
Greater Coucal	No	9:38	1	Not recorded
Zitting Cisticola	No	9:38	Several	Not recorded
I heard the call that I first heard at 8:38.				
Coppersmith Barbet	No	9:38	Several	Not recorded
Largebilled Crow	No	9:40	1	Not recorded
Coppersmith Barbet	No	9:40	1	Not recorded
Zitting Cisticola	No	9:40	Several	Not recorded
I heard the call that I first heard at 8:38.				
Largebilled Crow	No	9:42	1	Not recorded
Coppersmith Barbet	No	9:42	1	Not recorded
Zitting Cisticola	No	9:42	Several	Not recorded
I heard the call that I first heard at 8:38.				
Redvented Bulbul	No	9:42	1	Not recorded
Greater Coucal	No	9:46	1	Not recorded
Zitting Cisticola	No	9:46	Several	Not recorded
I heard the call that I first heard at 8:38.				
Coppersmith Barbet	No	9:46	Several	Not recorded
Coppersmith Barbet	No	9:48	Several	Not recorded
Redwhiskered Bulbul	No	9:48	Several	Not recorded
Zitting Cisticola	No	9:48	Several	Not recorded
I heard the call that I first heard at 8:38.				
Zitting Cisticola	No	9:50	Several	Not recorded
I heard the call that I first heard at 8:38.				
Coppersmith Barbet	No	9:50	1	Not recorded
Whitethroated Kingfisher	No	9:50	1	Not recorded
Zitting Cisticola	No	9:52	Several	Not recorded
I heard the call that I first heard at 8:38.				
Coppersmith Barbet	No	9:52	1	Not recorded
Oriental Magpie Robin	No	9:52	1	Not recorded
Whitethroated Kingfisher	No	9:52	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Greater Coucal	No	9:52	1	Not recorded
Ashy Wood Swallow	No	9:52	1	Not recorded
Ashy Wood Swallow	No	9:54	1	Not recorded
Whitethroated Kingfisher	No	9:54	1	Not recorded
Zitting Cisticola	No	9:54	Several	Not recorded
I heard the call that I first heard at 8:38.				
Redvented Bulbul	No	9:56	1	Not recorded
Largebilled Crow	No	9:56	1	Not recorded
Greater Coucal	No	9:56	1	Not recorded
Zitting Cisticola	No	9:56	1	Not recorded
I heard the call that I first heard at 8:38.				
Greater Coucal	No	9:56	1	Not recorded
Brown Shrike	No	9:58	1	Not recorded
Oriental Magpie Robin	No	9:58	1	Not recorded
Greater Coucal	No	9:58	1	Not recorded
Whitethroated Kingfisher	No	9:58	1	Not recorded
Redwhiskered Bulbul	No	10:00	Several	Not recorded
Zitting Cisticola	No	10:00	Several	Not recorded
I heard the call that I first heard at 8:38.				
Redwhiskered Bulbul	No	10:02	Several	Not recorded
Zitting Cisticola	No	10:02	Several	Not recorded
I heard the call that I first heard at 8:38.				
Coppersmith Barbet	No	10:02	1	Not recorded
Common Myna	No	10:04	Several	Not recorded
Zitting Cisticola	No	10:04	Several	Not recorded
I heard the call that I first heard at 8:38.				
Redvented Bulbul	No	10:04	1	Not recorded
Oriental Magpie Robin	No	10:06	1	Not recorded
Coppersmith Barbet	No	10:06	1	Not recorded
Largebilled Crow	No	10:06	1	Not recorded
Common Myna	No	10:06	1	Not recorded
Whitethroated Kingfisher	No	10:06	1	Not recorded
Coppersmith Barbet	No	10:08	1	Not recorded
Whitethroated Kingfisher	No	10:08	1	Not recorded
Brown Shrike	No	10:08	1	Not recorded
Zitting Cisticola	No	10:08	Several	Not recorded
I heard the call that I first heard at 8:38.				

Kolli Hills Avian Transect Data Sheet: Transect 26

**Transect** 26 **Locality** Rice field one kilometer south of Semmedu

**Date** Thursday, May 06, 1999 **Weather** Cloudy, cool, and threatening to rain.

**Start Time** 8:00 AM **Transect Direction** 285

**Stop Time** 10:00 AM **Altitude** 1105

#### Area Description

Less than a kilometer south of Semmedu (by road), there lies a fairly large rice field. It was in this rice field that the transect took place.

#### Vegetation and General Description

The large rice field was surrounded by (consecutively) a silveroak plantation, tapioca cultivation, and some banana cultivation.

#### Notes

#### FLYING BIRDS

Species	Uncertain ID?	Time	Number	Height
Greater Coucal	No	8:00	1	Lower than 30 meters
Largebilled Crow	No	8:10	2	Higher than 30 meters
Plumheaded Parakeet	No	8:12	1	Lower than 30 meters
Scarlet Minivet	No	8:12	2	Lower than 30 meters
Indian Pond Heron	No	8:14	1	Lower than 30 meters
Redwhiskered Bulbul	No	8:14	2	Lower than 30 meters
Indian Pond Heron	No	8:20	2	Lower than 30 meters
Indian Pond Heron	No	8:30	1	Lower than 30 meters
Indian Pond Heron	No	8:32	1	Lower than 30 meters
Indian Pond Heron	No	8:40	1	Lower than 30 meters
Oriental Honey Buzzard	No	8:46	1	Higher than 30 meters
The buzzard was soaring high above.				
Indian Pond Heron	No	8:48	1	Lower than 30 meters
Largebilled Crow	No	8:54	1	Lower than 30 meters
Indian Pond Heron	No	8:54	1	Lower than 30 meters
Common Myna	No	8:56	2	Lower than 30 meters
Indian Pond Heron	No	9:00	1	Lower than 30 meters
Indian Pond Heron	No	9:08	1	Lower than 30 meters
Indian Pond Heron	No	9:16	1	Lower than 30 meters
Indian Pond Heron	No	9:18	1	Lower than 30 meters
Whitebreasted Waterhen	No	9:24	2	Lower than 30 meters
Crested Serpent Eagle	No	9:28	1	Lower than 30 meters
Indian Pond Heron	No	9:32	1	Lower than 30 meters
Indian Pond Heron	No	9:44	1	Lower than 30 meters
Indian Pond Heron	No	9:46	1	Lower than 30 meters
Indian Pond Heron	No	9:58	1	Lower than 30 meters

**STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Jungle Babbler	No	8:00	1	Between 20 and 49 meters	10
Indian Pond Heron	No	8:00	2	Between 20 and 49 meters	0
Plumheaded Parakeet	No	8:08	Several	Between 20 and 49 meters	15
Indian Pond Heron	No	8:08	1	Between 20 and 49 meters	0
Jungle Babbler	No	8:14	1	Between 20 and 49 meters	5
Common Myna	No	8:20	2	Between 10 and 19 meters	5
Whitethroated Kingfisher	No	8:22	1	Between 20 and 49 meters	10
Whitebreasted Waterhen	No	8:24	1	Between 20 and 49 meters	0
Whitebreasted Waterhen	No	8:38	3	Between 20 and 49 meters	0
Whitethroated Kingfisher	No	8:40	1	Between 20 and 49 meters	10
Indian Pond Heron	No	8:48	1	Between 20 and 49 meters	0

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Redwhiskered Bulbul	No	8:00	Several	Not recorded
Redvented Bulbul	No	8:00	Several	Not recorded
Common Myna	No	8:00	Several	Not recorded
Redvented Bulbul	No	8:04	Several	Not recorded
Jungle Babbler	No	8:04	Several	Not recorded
Yellowbilled Babbler	No	8:04	Several	Not recorded
Plumheaded Parakeet	No	8:04	1	Not recorded
Common Myna	No	8:04	Several	Not recorded
Oriental Magpie Robin	No	8:04	Several	Not recorded
Whitethroated Kingfisher	No	8:04	1	Not recorded
Eurasian Hoopoe	No	8:04	1	Not recorded
Grey Francolin	No	8:06	1	Not recorded
Plumheaded Parakeet	No	8:06	2	Not recorded
Largebilled Crow	No	8:06	1	Not recorded
Oriental White-eye	No	8:08	Several	Not recorded
Largebilled Crow	No	8:08	Several	Not recorded
Yellowbilled Babbler	No	8:10	Several	Not recorded
Black Drongo	No	8:10	1	Not recorded
Largebilled Crow	No	8:10	Several	Not recorded
Redvented Bulbul	No	8:10	1	Not recorded
Common Myna	No	8:10	1	Not recorded
Largebilled Crow	No	8:12	Several	Not recorded
Whitebreasted Waterhen	No	8:12	1	Not recorded
Jungle Owlet	No	8:12	1	Not recorded
Plumheaded Parakeet	No	8:12	Several	Not recorded
Redvented Bulbul	No	8:12	Several	Not recorded
Common Myna	No	8:12	1	Not recorded
Common Iora	No	8:12	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Whitethroated Kingfisher	No	8:12	1	Not recorded
Common Myna	No	8:14	1	Not recorded
Redvented Bulbul	No	8:14	Several	Not recorded
Yellowbilled Babbler	No	8:14	Several	Not recorded
Whitebreasted Waterhen	No	8:14	1	Not recorded
Jungle Owlet	No	8:14	1	Not recorded
Eurasian Hoopoe	No	8:14	1	Not recorded
Oriental Magpie Robin	No	8:16	Several	Not recorded
Redvented Bulbul	No	8:16	2	Not recorded
Largebilled Crow	No	8:16	1	Not recorded
Whitecheeked Barbet	No	8:16	Several	Not recorded
Greater Coucal	No	8:16	1	Not recorded
Common Myna	No	8:16	1	Not recorded
Redwhiskered Bulbul	No	8:16	Several	Not recorded
Largebilled Crow	No	8:16	Several	Not recorded
Eurasian Hoopoe	No	8:16	1	Not recorded
Whitebreasted Waterhen	No	8:16	Several	Not recorded
Whitecheeked Barbet	No	8:18	Several	Not recorded
Oriental Magpie Robin	No	8:18	Several	Not recorded
Greater Coucal	No	8:18	1	Not recorded
Plumheaded Parakeet	No	8:18	Several	Not recorded
Whitethroated Kingfisher	No	8:18	1	Not recorded
Common Myna	No	8:18	1	Not recorded
Jungle Myna	No	8:18	Several	Not recorded
Whitethroated Kingfisher	No	8:20	1	Not recorded
Yellowbilled Babbler	No	8:20	1	Not recorded
Redwhiskered Bulbul	No	8:20	Several	Not recorded
Common Myna	No	8:20	Several	Not recorded
Largebilled Crow	No	8:20	Several	Not recorded
Coppersmith Barbet	No	8:20	1	Not recorded
Oriental Magpie Robin	No	8:20	Several	Not recorded
Eurasian Hoopoe	No	8:20	1	Not recorded
Coppersmith Barbet	No	8:20	1	Not recorded
Whitebreasted Waterhen	No	8:22	1	Not recorded
Common Myna	No	8:22	1	Not recorded
Eurasian Hoopoe	No	8:24	1	Not recorded
Redvented Bulbul	No	8:24	Several	Not recorded
Redwhiskered Bulbul	No	8:24	Several	Not recorded
Yellowbilled Babbler	No	8:24	Several	Not recorded
Plumheaded Parakeet	No	8:26	Several	Not recorded
Eurasian Hoopoe	No	8:26	1	Not recorded
Whitecheeked Barbet	No	8:26	Several	Not recorded
Oriental Magpie Robin	No	8:26	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Common Myna	No	8:28	1	Not recorded
Oriental Magpie Robin	No	8:28	1	Not recorded
Eurasian Hoopoe	No	8:28	1	Not recorded
Redvented Bulbul	No	8:28	1	Not recorded
Redwhiskered Bulbul	No	8:28	Several	Not recorded
Whitecheeked Barbet	No	8:30	Several	Not recorded
Eurasian Hoopoe	No	8:30	1	Not recorded
Redvented Bulbul	No	8:30	1	Not recorded
Greater Coucal	No	8:30	2	Not recorded
Common Iora	No	8:30	1	Not recorded
Redwhiskered Bulbul	No	8:30	Several	Not recorded
Common Myna	No	8:30	Several	Not recorded
Yellowbilled Babbler	No	8:32	1	Not recorded
Oriental Magpie Robin	No	8:32	Several	Not recorded
Greater Coucal	No	8:32	1	Not recorded
Whitecheeked Barbet	No	8:32	Several	Not recorded
Common Myna	No	8:32	Several	Not recorded
Redvented Bulbul	No	8:32	1	Not recorded
Redvented Bulbul	No	8:34	Several	Not recorded
Whitebreasted Waterhen	No	8:34	Several	Not recorded
Common Iora	No	8:34	1	Not recorded
Whitethroated Kingfisher	No	8:34	1	Not recorded
Common Myna	No	8:34	Several	Not recorded
Whitecheeked Barbet	No	8:34	Several	Not recorded
Common Iora	No	8:34	1	Not recorded
Coppersmith Barbet	No	8:34	2	Not recorded
Plumheaded Parakeet	No	8:36	Several	Not recorded
Eurasian Hoopoe	No	8:36	1	Not recorded
Coppersmith Barbet	No	8:36	1	Not recorded
Redvented Bulbul	No	8:36	1	Not recorded
Common Myna	No	8:38	Several	Not recorded
Coppersmith Barbet	No	8:38	1	Not recorded
Redvented Bulbul	No	8:38	Several	Not recorded
Plumheaded Parakeet	No	8:38	1	Not recorded
Redvented Bulbul	No	8:40	Several	Not recorded
Coppersmith Barbet	No	8:40	3	Not recorded
Common Myna	No	8:40	Several	Not recorded
Common Iora	No	8:40	1	Not recorded
Oriental White-eye	No	8:40	Several	Not recorded
Eurasian Hoopoe	No	8:40	1	Not recorded
Eurasian Hoopoe	No	8:42	1	Not recorded
Oriental Magpie Robin	No	8:42	Several	Not recorded
Redwhiskered Bulbul	No	8:42	Several	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Whitecheeked Barbet	No	8:42	Several	Not recorded
Whitethroated Kingfisher	No	8:42	1	Not recorded
Plumheaded Parakeet	No	8:46	Several	Not recorded
Greater Coucal	No	8:46	1	Not recorded
Whitebreasted Waterhen	No	8:48	Several	Not recorded
Plumheaded Parakeet	No	8:48	Several	Not recorded
Greater Coucal	No	8:48	1	Not recorded
Common Iora	No	8:48	1	Not recorded
Yellowbilled Babbler	No	8:48	Several	Not recorded
Whitebreasted Waterhen	No	8:50	Several	Not recorded
Redvented Bulbul	No	8:50	Several	Not recorded
Coppersmith Barbet	No	8:50	2	Not recorded
Whitethroated Kingfisher	No	8:50	1	Not recorded
Greater Coucal	No	8:50	1	Not recorded
Eurasian Hoopoe	No	8:50	1	Not recorded
Common Myna	No	8:50	1	Not recorded
Plumheaded Parakeet	No	8:50	Several	Not recorded
Coppersmith Barbet	No	8:52	Several	Not recorded
Whitethroated Kingfisher	No	8:52	1	Not recorded
Eurasian Hoopoe	No	8:52	1	Not recorded
Whitebreasted Waterhen	No	8:52	Several	Not recorded
Scarlet Minivet	No	8:52	1	Not recorded
Common Iora	No	8:54	1	Not recorded
Redvented Bulbul	No	8:54	Several	Not recorded
Oriental Magpie Robin	No	8:54	1	Not recorded
Common Myna	No	8:54	Several	Not recorded
Plumheaded Parakeet	No	8:54	Several	Not recorded
Redwhiskered Bulbul	No	8:54	Several	Not recorded
Largebilled Crow	No	8:54	1	Not recorded
Coppersmith Barbet	No	8:54	1	Not recorded
Jungle Owlet	No	8:54	1	Not recorded
Greater Coucal	No	8:56	2	Not recorded
Redvented Bulbul	No	8:56	Several	Not recorded
Whitethroated Kingfisher	No	8:56	1	Not recorded
Scarlet Minivet	No	8:56	Several	Not recorded
Oriental Magpie Robin	No	8:56	Several	Not recorded
Oriental Magpie Robin	No	9:00	Several	Not recorded
Scarlet Minivet	No	9:00	Several	Not recorded
Whitebreasted Waterhen	No	9:00	Several	Not recorded
Common Tailorbird	Yes	9:04	1	Not recorded
The bird may also have been a greenish warbler.				
Whitethroated Kingfisher	No	9:04	1	Not recorded
Scarlet Minivet	No	9:04	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Redvented Bulbul	No	9:04	1	Not recorded
Asian Koel	Yes	9:06	1	Not recorded
I heard "that koel thing".				
Scarlet Minivet	No	9:06	Several	Not recorded
Redvented Bulbul	No	9:06	Several	Not recorded
Redwhiskered Bulbul	No	9:06	Several	Not recorded
Oriental Magpie Robin	No	9:06	1	Not recorded
Redvented Bulbul	No	9:08	Several	Not recorded
Whitecheeked Barbet	No	9:08	Several	Not recorded
Largebilled Crow	No	9:08	1	Not recorded
Oriental Magpie Robin	No	9:08	1	Not recorded
Coppersmith Barbet	No	9:08	1	Not recorded
Plumheaded Parakeet	No	9:08	1	Not recorded
Plumheaded Parakeet	No	9:10	1	Not recorded
Redwhiskered Bulbul	No	9:10	1	Not recorded
Asian Koel	Yes	9:10	1	Not recorded
I heard "that koel thing".				
Largebilled Crow	No	9:10	1	Not recorded
Redvented Bulbul	No	9:10	Several	Not recorded
Coppersmith Barbet	No	9:10	1	Not recorded
Whitecheeked Barbet	No	9:10	Several	Not recorded
Common Myna	No	9:10	Several	Not recorded
Common Tailorbird	Yes	9:10	1	Not recorded
The bird may have been a greenish warbler.				
Coppersmith Barbet	No	9:14	1	Not recorded
Jungle Myna	No	9:14	Several	Not recorded
Redwhiskered Bulbul	No	9:14	1	Not recorded
Largebilled Crow	No	9:14	1	Not recorded
Grey Francolin	No	9:14	1	Not recorded
Common Tailorbird	No	9:16	1	Not recorded
The bird may have been a greenish warbler.				
Redwhiskered Bulbul	No	9:16	Several	Not recorded
Common Myna	No	9:16	Several	Not recorded
Coppersmith Barbet	No	9:16	2	Not recorded
Whitecheeked Barbet	No	9:16	Several	Not recorded
Plumheaded Parakeet	No	9:18	1	Not recorded
Redwhiskered Bulbul	No	9:18	Several	Not recorded
Largebilled Crow	No	9:18	Several	Not recorded
Whitethroated Kingfisher	No	9:18	1	Not recorded
Black Drongo	No	9:18	1	Not recorded
Common Tailorbird	Yes	9:18	1	Not recorded
The bird may also have been a greenish warbler.				
Black Drongo	No	9:20	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Whitecheeked Barbet	No	9:20	Several	Not recorded
Plumheaded Parakeet	No	9:20	1	Not recorded
Redwhiskered Bulbul	No	9:20	Several	Not recorded
Common Tailorbird	Yes	9:20	2	Not recorded
The birds may also have been greenish warblers.				
Whitethroated Kingfisher	No	9:20	1	Not recorded
Common Iora	No	9:22	1	Not recorded
Plumheaded Parakeet	No	9:22	1	Not recorded
Largebilled Crow	No	9:22	1	Not recorded
Redwhiskered Bulbul	No	9:22	1	Not recorded
Common Myna	No	9:22	1	Not recorded
Coppersmith Barbet	No	9:22	2	Not recorded
Whitethroated Kingfisher	No	9:24	1	Not recorded
Greater Coucal	No	9:24	1	Not recorded
Coppersmith Barbet	No	9:24	1	Not recorded
Plumheaded Parakeet	No	9:24	Several	Not recorded
Redwhiskered Bulbul	No	9:24	Several	Not recorded
Largebilled Crow	No	9:24	1	Not recorded
Common Myna	No	9:24	1	Not recorded
Jungle Myna	No	9:26	1	Not recorded
Largebilled Crow	No	9:26	1	Not recorded
Greater Coucal	No	9:26	1	Not recorded
Jungle Myna	No	9:26	1	Not recorded
Plumheaded Parakeet	No	9:26	1	Not recorded
Coppersmith Barbet	No	9:26	1	Not recorded
Crested Serpent Eagle	No	9:28	1	Far away, at an indeterminate distance
Redwhiskered Bulbul	No	9:28	Several	Not recorded
Coppersmith Barbet	No	9:28	1	Not recorded
Jungle Myna	No	9:28	1	Not recorded
Redwhiskered Bulbul	No	9:30	Several	Not recorded
Flowerpecker (species uncertain)	No	9:30	1	Not recorded
Common Iora	No	9:30	1	Not recorded
Greater Coucal	No	9:30	1	Not recorded
Whitecheeked Barbet	No	9:30	Several	Not recorded
Coppersmith Barbet	No	9:30	2	Not recorded
Redwhiskered Bulbul	No	9:32	Several	Not recorded
Whitecheeked Barbet	No	9:32	Several	Not recorded
Coppersmith Barbet	No	9:32	1	Not recorded
Greater Coucal	No	9:32	1	Not recorded
Largebilled Crow	No	9:32	1	Not recorded
Common Iora	No	9:34	1	Not recorded
Largebilled Crow	No	9:34	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Redwhiskered Bulbul	No	9:34	Several	Not recorded
Scarlet Minivet	No	9:34	Several	Not recorded
Common Myna	No	9:38	Several	Not recorded
Scarlet Minivet	No	9:38	Several	Not recorded
Whitebreasted Waterhen	No	9:38	1	Not recorded
Oriental White-eye	No	9:38	Several	Not recorded
Coppersmith Barbet	No	9:38	2	Not recorded
Largebilled Crow	No	9:38	Several	Not recorded
Black Drongo	No	9:40	1	Not recorded
Common Myna	No	9:40	Several	Not recorded
Redwhiskered Bulbul	No	9:40	Several	Not recorded
Coppersmith Barbet	No	9:40	1	Not recorded
Whitebreasted Waterhen	No	9:40	1	Not recorded
Asian Koel	Yes	9:42	1	Not recorded
I heard "that koel thing".				
Oriental Magpie Robin	No	9:42	1	Not recorded
Coppersmith Barbet	No	9:42	1	Not recorded
Common Iora	No	9:44	1	Not recorded
Oriental Magpie Robin	No	9:44	1	Not recorded
Coppersmith Barbet	No	9:44	1	Not recorded
Whitecheeked Barbet	No	9:44	Several	Not recorded
Redwhiskered Bulbul	No	9:44	Several	Not recorded
Coppersmith Barbet	No	9:46	1	Not recorded
Whitebreasted Waterhen	No	9:46	1	Not recorded
Common Iora	No	9:46	1	Not recorded
Redwhiskered Bulbul	No	9:46	Several	Not recorded
Greater Coucal	No	9:46	1	Not recorded
Common Tailorbird	Yes	9:48	1	Not recorded
The bird may also have been a greenish warbler.				
Coppersmith Barbet	No	9:48	Several	Not recorded
Whitecheeked Barbet	No	9:48	Several	Not recorded
Common Iora	No	9:48	1	Not recorded
Whitebreasted Waterhen	No	9:48	Several	Not recorded
Redwhiskered Bulbul	No	9:48	Several	Not recorded
Yellowbilled Babbler	No	9:48	Several	Not recorded
Greater Coucal	No	9:50	1	Not recorded
Yellowbilled Babbler	No	9:50	Several	Not recorded
Coppersmith Barbet	No	9:52	1	Not recorded
Redvented Bulbul	No	9:52	1	Not recorded
Redwhiskered Bulbul	No	9:52	Several	Not recorded
Whitebreasted Waterhen	No	9:52	Several	Not recorded
Largebilled Crow	No	9:52	1	Not recorded
Common Myna	No	9:54	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Oriental Magpie Robin	No	9:54	1	Not recorded
Largebilled Crow	No	9:54	1	Not recorded
Jungle Myna	No	9:54	Several	Not recorded
Coppersmith Barbet	No	9:54	1	Not recorded
Common Iora	No	9:54	1	Not recorded
Scarlet Minivet	No	9:54	Several	Not recorded
Whitebreasted Waterhen	No	9:54	Several	Not recorded
Coppersmith Barbet	No	9:56	2	Not recorded
Oriental Magpie Robin	No	9:56	1	Not recorded
Jungle Myna	No	9:56	1	Not recorded
Common Myna	No	9:56	Several	Not recorded
Common Iora	No	9:58	1	Not recorded
Largebilled Crow	No	9:58	1	Not recorded
Coppersmith Barbet	No	9:58	Several	Not recorded
Redwhiskered Bulbul	No	9:58	Several	Not recorded
Flowerpecker (species uncertain)	No	9:58	1	Not recorded

**Transect** 27      **Locality** Tapioca field, adjacent to road connecting Semmedu and the Arappalishvara Temple

**Date** 7, May 08, 1999      **Weather** Partly cloudy, windy, and fairly cool.

**Start Time** 7:59 AM      **Transect Direction** 70

**Stop Time** 9:59 AM      **Altitude** 1095

**Area Description**

This transect took place within a large tapioca field that was adjacent to the road connecting Semmedu and the Arappalishvara Temple. The field was just southeast of the four kilometer milemarker.

**Vegetation and General Description**

The transect began on the border between the tapioca field and a neighboring silveroak plantation. The plantation was the locality for an earlier transect. The plantation bordered the field to the north and to the west. To the south, the road bordered the field and beyond the field lay a small swath of paddy. Beyond the paddy grew more tapioca and silveroak. Within the field, a few scattered trees could be found. The hills surrounding the field were mostly barren and just bare rock. On the hills, a few scattered bushes and trees grew. To the south on an adjacent hilltop, a small area remained covered by shola. The tapioca ranged from knee height to shoulder height.

**Notes**

At 9:07, I passed from the tapioca field into wasteland, in which lantana and grass (mostly the latter) were growing. A few scattered trees were in the wasteland, but the area was mostly bare rock. The transect was going downhill into a slight valley, at the bottom of which was a stream.

At 9:17, I entered the zone of shola trees that bordered the streambanks. There also was a great deal of lantana interspersed with the trees.

At 9:21, I was at the bottom of the valley and crossing the stream (altitude 1055).

At 9:25, I was in a small mango grove. The trees were about three to four meters in height. The grove was quite small and it was surrounded by barren land and lantana.

At 9:29, I was back in tapioca cultivation. A great deal of lantana fringed the tapioca field.

At 9:59, at the end of the transect, the altitude was 1070 meters.

**Flying Birds:****FLYING BIRDS**

Species	Uncertain ID?	Time	Number	Height
Largebilled Crow	No	8:09	1	Lower than 30 meters
Redwhiskered Bulbul	No	8:27	2	Lower than 30 meters
Redwhiskered Bulbul	No	8:41	2	Lower than 30 meters
Redwhiskered Bulbul	No	8:45	1	Lower than 30 meters
Redvented Bulbul	No	9:07	1	Lower than 30 meters
Common Myna	No	9:09	1	Lower than 30 meters

**Stationary Birds****STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Coppersmith Barbet	No	9:39	1	Between 20 and 49 meters	20

**Heard Birds**

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Black Drongo	No	7:59	1	Not recorded
Redwhiskered Bulbul	No	7:59	Several	Not recorded
Redwhiskered Bulbul	No	8:01	Several	Not recorded
Black Drongo	No	8:01	1	Not recorded
Common Iora	No	8:01	1	Not recorded
Oriental White-eye	No	8:01	1	Not recorded
Largebilled Crow	No	8:01	1	Not recorded
Whitecheeked Barbet	No	8:03	Several	Not recorded
Redwhiskered Bulbul	No	8:03	Several	Not recorded
Largebilled Crow	No	8:03	1	Not recorded
Redvented Bulbul	No	8:05	1	Not recorded
Largebilled Crow	No	8:05	1	Not recorded
Redwhiskered Bulbul	No	8:05	Several	Not recorded
Whitecheeked Barbet	No	8:05	Several	Not recorded
Redwhiskered Bulbul	No	8:09	Several	Not recorded
Largebilled Crow	No	8:09	1	Not recorded
Redwhiskered Bulbul	No	8:11	Several	Not recorded
Redvented Bulbul	No	8:11	Several	Not recorded
Common Iora	No	8:11	Several	Not recorded
Redwhiskered Bulbul	No	8:13	Several	Not recorded
Black Drongo	No	8:13	1	Not recorded
Common Iora	No	8:13	1	Not recorded
Redwhiskered Bulbul	No	8:15	Several	Not recorded
Black Drongo	No	8:15	1	Not recorded
Largebilled Crow	No	8:15	1	Not recorded
Black Drongo	No	8:17	2	Not recorded
Largebilled Crow	No	8:17	Several	Not recorded
Whitecheeked Barbet	No	8:17	1	Not recorded
Largebilled Crow	No	8:19	1	Not recorded
Redwhiskered Bulbul	No	8:19	Several	Not recorded
Black Drongo	No	8:19	1	Not recorded
Brown Shrike	No	8:21	1	Not recorded
Largebilled Crow	No	8:21	1	Not recorded
Redwhiskered Bulbul	No	8:21	Several	Not recorded
Common Iora	No	8:23	1	Not recorded
Whitecheeked Barbet	No	8:23	Several	Not recorded
Largebilled Crow	No	8:23	1	Not recorded
Redwhiskered Bulbul	No	8:25	Several	Not recorded
Common Iora	No	8:25	1	Not recorded
Redwhiskered Bulbul	No	8:27	Several	Not recorded
Black Drongo	No	8:27	1	Not recorded
Whitecheeked Barbet	No	8:27	Several	Not recorded
Redwhiskered Bulbul	No	8:29	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Black Drongo	No	8:29	1	Not recorded
Whitecheeked Barbet	No	8:29	1	Not recorded
Common Myna	No	8:29	Several	Not recorded
Yellowbilled Babbler	No	8:31	Several	Not recorded
Redwhiskered Bulbul	No	8:31	Several	Not recorded
Redwhiskered Bulbul	No	8:33	Several	Not recorded
Black Drongo	No	8:33	1	Not recorded
Redvented Bulbul	No	8:33	1	Not recorded
Redvented Bulbul	No	8:35	Several	Not recorded
Oriental Magpie Robin	No	8:35	1	Not recorded
Redwhiskered Bulbul	No	8:35	Several	Not recorded
Redwhiskered Bulbul	No	8:37	Several	Not recorded
Redvented Bulbul	No	8:37	Several	Not recorded
Oriental Magpie Robin	No	8:37	1	Not recorded
Redvented Bulbul	No	8:39	Several	Not recorded
Coppersmith Barbet	No	8:39	1	Not recorded
Whitecheeked Barbet	No	8:41	Several	Not recorded
Redwhiskered Bulbul	No	8:41	Several	Not recorded
Redvented Bulbul	No	8:41	Several	Not recorded
Redvented Bulbul	No	8:43	Several	Not recorded
Whitecheeked Barbet	No	8:43	Several	Not recorded
Oriental Magpie Robin	No	8:43	1	Not recorded
Redvented Bulbul	No	8:45	1	Not recorded
Largebilled Crow	No	8:45	1	Not recorded
Whitecheeked Barbet	No	8:45	1	Not recorded
Redwhiskered Bulbul	No	8:47	Several	Not recorded
Redvented Bulbul	No	8:47	Several	Not recorded
Redwhiskered Bulbul	No	8:49	Several	Not recorded
Redvented Bulbul	No	8:49	Several	Not recorded
Grey Francolin	No	8:51	1	Far away, at an indeterminate distance
Redvented Bulbul	No	8:51	1	Not recorded
Jungle Babbler	No	8:51	Several	Not recorded
Redwhiskered Bulbul	No	8:53	Several	Not recorded
Coppersmith Barbet	No	8:53	1	Not recorded
Largebilled Crow	No	8:53	2	Not recorded
Redvented Bulbul	No	8:53	1	Not recorded
Whitecheeked Barbet	No	8:53	1	Not recorded
Redwhiskered Bulbul	No	8:55	Several	Not recorded
Redvented Bulbul	No	8:55	Several	Not recorded
Black Drongo	No	8:57	1	Not recorded
Redwhiskered Bulbul	No	8:57	Several	Not recorded
Largebilled Crow	No	8:57	1	Not recorded
Redvented Bulbul	No	8:57	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Black Drongo	No	8:59	1	Not recorded
Whitecheeked Barbet	No	8:59	1	Not recorded
Redwhiskered Bulbul	No	8:59	Several	Not recorded
Redvented Bulbul	No	8:59	Several	Not recorded
Largebilled Crow	No	8:59	1	Not recorded
Common Myna	No	8:59	1	Not recorded
Black Drongo	No	9:01	1	Not recorded
Goldenfronted Leafbird	No	9:01	1	Not recorded
Redvented Bulbul	No	9:03	Several	Not recorded
Redwhiskered Bulbul	No	9:03	Several	Not recorded
Flowerpecker (species uncertain)	No	9:03	1	Not recorded
Whitecheeked Barbet	No	9:03	1	Not recorded
Redwhiskered Bulbul	No	9:05	Several	Not recorded
Whitecheeked Barbet	No	9:05	1	Not recorded
Plumheaded Parakeet	No	9:07	1	Not recorded
Redvented Bulbul	No	9:07	Several	Not recorded
Redwhiskered Bulbul	No	9:07	Several	Not recorded
Whitebrowed Bulbul	No	9:07	1	Not recorded
Jungle Babbler	No	9:09	Several	Not recorded
Redwhiskered Bulbul	No	9:09	Several	Not recorded
Redvented Bulbul	No	9:09	Several	Not recorded
Redwhiskered Bulbul	No	9:13	Several	Not recorded
Jungle Babbler	No	9:13	Several	Not recorded
Flowerpecker (species uncertain)	No	9:13	1	Not recorded
Jungle Babbler	No	9:15	Several	Not recorded
Coppersmith Barbet	No	9:15	1	Not recorded
Flowerpecker (species uncertain)	No	9:15	1	Not recorded
Redwhiskered Bulbul	No	9:15	Several	Not recorded
Largebilled Crow	No	9:15	1	Not recorded
Common Myna	No	9:17	1	Not recorded
Redwhiskered Bulbul	No	9:17	1	Not recorded
Redwhiskered Bulbul	No	9:23	1	Not recorded
Flowerpecker (species uncertain)	No	9:23	1	Not recorded
Redwhiskered Bulbul	No	9:25	Several	Not recorded
Redwhiskered Bulbul	No	9:27	Several	Not recorded
Whitecheeked Barbet	No	9:27	1	Not recorded
Flowerpecker (species uncertain)	No	9:27	1	Not recorded
Flowerpecker (species uncertain)	No	9:29	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Redwhiskered Bulbul	No	9:29	1	Not recorded
Largebilled Crow	No	9:31	1	Not recorded
Redwhiskered Bulbul	No	9:31	Several	Not recorded
Common Myna	No	9:33	1	Not recorded
Common Myna	No	9:35	1	Not recorded
Coppersmith Barbet	No	9:35	1	Not recorded
Redwhiskered Bulbul	No	9:35	1	Not recorded
Common Myna	No	9:37	Several	Not recorded
Coppersmith Barbet	No	9:37	1	Not recorded
Largebilled Crow	No	9:37	1	Not recorded
Redvented Bulbul	No	9:37	1	Not recorded
Redwhiskered Bulbul	No	9:37	Several	Not recorded
Redwhiskered Bulbul	No	9:39	1	Not recorded
Black Drongo	No	9:39	1	Not recorded
Shikra	No	9:41	1	Not recorded
Black Drongo	No	9:41	1	Not recorded
Black Drongo	No	9:43	1	Not recorded
Largebilled Crow	No	9:43	1	Not recorded
Redvented Bulbul	No	9:43	1	Not recorded
Redwhiskered Bulbul	No	9:43	Several	Not recorded
Ashy Wood Swallow	No	9:45	1	Not recorded
Whitecheeked Barbet	No	9:47	1	Not recorded
Redwhiskered Bulbul	No	9:47	Several	Not recorded
Common Myna	No	9:49	1	Not recorded
Redwhiskered Bulbul	No	9:49	Several	Not recorded
Unknown	No	9:49	1	Not recorded
I heard "that 'tree' bird".				
Common Iora	No	9:49	1	Not recorded
Unknown	No	9:51	1	Not recorded
I heard the 'tree' bird.				
Common Myna	No	9:51	1	Not recorded
Redwhiskered Bulbul	No	9:51	Several	Not recorded
Brown Shrike	No	9:53	1	Not recorded
Redwhiskered Bulbul	No	9:53	Several	Not recorded
Unknown	No	9:55	1	Not recorded
I heard "that 'tree' bird".				
Redwhiskered Bulbul	No	9:55	1	Not recorded
Largebilled Crow	No	9:55	1	Not recorded
Whitebrowed Bulbul	No	9:57	1	Not recorded
Unknown	No	9:57	2	Not recorded
I heard "that 'tree' call".				
Largebilled Crow	No	9:57	1	Not recorded
Redvented Bulbul	No	9:57	1	Not recorded

**Transect** 28 **Locality** Tapioca field two kilometers east of Tambaram

**Date** Sunday, May 09, 1999 **Weather** Hot, partially cloudy, slightly hazy, and still to slightly breezy.

**Start Time** 8:08 AM **Transect Direction** 70

**Stop Time** 10:08 AM **Altitude** 975

**Area Description**

Tambaram lies eight kilometers east of the western terminus of the road that connects Semmedu to the Arappalishvara Temple. At this point, the road forks with the left (as you face southeast) fork going to Nattagullipatti. The transect began two kilometers down this left fork. This transect was conducted along the road. Two yellow nadu concrete entrance signs mark the point at which the transect began.

**Vegetation and General Description**

The entire area was almost entirely devoted to tapioca cultivation. The transect went through a huge tapioca field in which lantana and silveroak were scattered. The surrounding hills were severely denuded.

**Notes**

**FLYING BIRDS**

Species	Uncertain ID?	Time	Number	Height
Largebilled Crow	No	8:14	1	Lower than 30 meters
Largebilled Crow	No	8:18	1	Lower than 30 meters
Flowerpecker (species uncertain)	No	8:22	1	Lower than 30 meters
Largebilled Crow	No	8:26	2	Lower than 30 meters
Jungle Myna	No	8:28	2	Lower than 30 meters
Jungle Myna	No	8:32	2	Lower than 30 meters
Myna (species uncertain)	No	8:34	1	Lower than 30 meters
The bird may also have been a common myna.				
Common Myna	No	8:36	1	Lower than 30 meters
Redwhiskered Bulbul	No	8:36	2	Lower than 30 meters
Common Myna	No	8:50	1	Lower than 30 meters
Largebilled Crow	No	8:54	1	Lower than 30 meters
Black Drongo	No	9:06	1	Lower than 30 meters
Black Eagle	No	9:14	1	Higher than 30 meters
The eagle was soaring far above.				
Largebilled Crow	No	9:16	1	Lower than 30 meters
Rufous Tree Pie	No	9:22	1	Lower than 30 meters
Black Drongo	No	9:40	1	Lower than 30 meters

**STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Scarlet Minivet	No	8:34	1	Between 5 and 9 meters	10
I sighted a male.					
Rufous Tree Pie	No	9:02	1	Between 10 and 19 meters	2
Rufous Tree Pie	No	9:10	1	Between 5 and 9 meters	2
Black Drongo	No	9:14	2	Between 5 and 9 meters	5

The birds were sitting on a power line.

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Coppersmith Barbet	No	8:08	Several	Not recorded
Redwhiskered Bulbul	No	8:08	Several	Not recorded
Redwhiskered Bulbul	No	8:10	Several	Not recorded
Coppersmith Barbet	No	8:10	Several	Not recorded
Redwhiskered Bulbul	No	8:12	Several	Not recorded
Coppersmith Barbet	No	8:12	Several	Not recorded
Blyth's Reed Warbler	No	8:12	1	Not recorded
Largebilled Crow	No	8:12	1	Not recorded
Coppersmith Barbet	No	8:14	Several	Not recorded
Redwhiskered Bulbul	No	8:14	Several	Not recorded
Black Drongo	No	8:14	1	Not recorded
Jungle Babbler	No	8:14	Several	Not recorded
Redvented Bulbul	No	8:16	Several	Not recorded
Coppersmith Barbet	No	8:16	Several	Not recorded
Jungle Babbler	No	8:16	Several	Not recorded
Redwhiskered Bulbul	No	8:16	Several	Not recorded
Largebilled Crow	No	8:18	1	Not recorded
Redvented Bulbul	No	8:18	Several	Not recorded
Jungle Babbler	No	8:18	Several	Not recorded
Jungle Myna	No	8:20	Several	Not recorded
Redwhiskered Bulbul	No	8:20	Several	Not recorded
Coppersmith Barbet	No	8:20	Several	Not recorded
Yellowbilled Babbler	No	8:20	Several	Not recorded
Redwhiskered Bulbul	No	8:20	Several	Not recorded
Jungle Myna	No	8:22	Several	Not recorded
Coppersmith Barbet	No	8:22	Several	Not recorded
Largebilled Crow	No	8:22	2	Not recorded
Yellowbilled Babbler	No	8:22	Several	Not recorded
Redwhiskered Bulbul	No	8:24	Several	Not recorded
Flowerpecker (species uncertain)	No	8:24	1	Not recorded
Jungle Myna	No	8:24	Several	Not recorded
Coppersmith Barbet	No	8:24	Several	Not recorded
Jungle Babbler	No	8:24	Several	Not recorded
Common Iora	No	8:24	1	Not recorded
Flowerpecker (species uncertain)	No	8:26	1	Not recorded
Largebilled Crow	No	8:26	1	Not recorded
Redwhiskered Bulbul	No	8:26	Several	Not recorded
Common Iora	No	8:26	1	Not recorded
Coppersmith Barbet	No	8:26	Several	Not recorded
Flowerpecker (species uncertain)	No	8:28	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Largebilled Crow	No	8:28	1	Not recorded
Coppersmith Barbet	No	8:28	Several	Not recorded
Jungle Babbler	No	8:28	Several	Not recorded
Redwhiskered Bulbul	No	8:28	Several	Not recorded
Common Iora	No	8:30	1	Not recorded
Jungle Myna	No	8:30	Several	Not recorded
Scarlet Minivet	No	8:32	1	Not recorded
Jungle Babbler	No	8:32	Several	Not recorded
Redwhiskered Bulbul	No	8:32	Several	Not recorded
Redvented Bulbul	No	8:34	Several	Not recorded
Redwhiskered Bulbul	No	8:34	Several	Not recorded
Jungle Babbler	No	8:34	Several	Not recorded
Grey Francolin	No	8:36	1	Not recorded
Flowerpecker (species uncertain)	No	8:36	1	Not recorded
Redwhiskered Bulbul	No	8:38	Several	Not recorded
Jungle Myna	No	8:38	Several	Not recorded
Largebilled Crow	No	8:38	1	Not recorded
Coppersmith Barbet	No	8:38	1	Not recorded
Common Iora	No	8:38	1	Not recorded
Common Iora	No	8:42	1	Not recorded
Redwhiskered Bulbul	No	8:42	Several	Not recorded
Largebilled Crow	No	8:42	1	Not recorded
Coppersmith Barbet	No	8:42	Several	Not recorded
Black Drongo	No	8:44	2	Not recorded
Oriental Magpie Robin	No	8:46	1	Not recorded
Jungle Babbler	No	8:46	Several	Not recorded
Black Drongo	No	8:46	2	Not recorded
Jungle Myna	No	8:46	Several	Not recorded
Yellowbilled Babbler	No	8:48	Several	Not recorded
Common Iora	No	8:48	1	Not recorded
Jungle Babbler	No	8:48	Several	Not recorded
Oriental Magpie Robin	No	8:48	1	Not recorded
Black Drongo	No	8:50	1	Not recorded
Redwhiskered Bulbul	No	8:50	Several	Not recorded
Jungle Babbler	No	8:50	Several	Not recorded
Largebilled Crow	No	8:50	1	Not recorded
Coppersmith Barbet	No	8:50	1	Not recorded
Coppersmith Barbet	No	8:52	1	Not recorded
Flowerpecker (species uncertain)	No	8:52	1	Not recorded
Redwhiskered Bulbul	No	8:52	Several	Not recorded
Largebilled Crow	No	8:52	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Common Iora	No	8:54	1	Not recorded
Redwhiskered Bulbul	No	8:54	Several	Not recorded
Coppersmith Barbet	No	8:56	1	Not recorded
Redwhiskered Bulbul	No	8:56	Several	Not recorded
Coppersmith Barbet	No	9:00	1	Not recorded
Redwhiskered Bulbul	No	9:00	Several	Not recorded
Jungle Owlet	No	9:02	1	Not recorded
Redwhiskered Bulbul	No	9:02	Several	Not recorded
Coppersmith Barbet	No	9:04	1	Not recorded
Redwhiskered Bulbul	No	9:04	Several	Not recorded
Largebilled Crow	No	9:04	1	Not recorded
Redwhiskered Bulbul	No	9:06	Several	Not recorded
Largebilled Crow	No	9:08	1	Not recorded
Coppersmith Barbet	No	9:08	1	Not recorded
Jungle Babbler	No	9:08	Several	Not recorded
Redwhiskered Bulbul	No	9:08	Several	Not recorded
Redwhiskered Bulbul	No	9:10	Several	Not recorded
Largebilled Crow	No	9:10	1	Not recorded
Redvented Bulbul	No	9:10	1	Not recorded
Jungle Myna	No	9:10	1	Not recorded
Common Iora	No	9:10	1	Not recorded
Coppersmith Barbet	No	9:10	1	Not recorded
Coppersmith Barbet	No	9:12	1	Not recorded
Largebilled Crow	No	9:12	Several	Not recorded
Redwhiskered Bulbul	No	9:12	Several	Not recorded
Black Drongo	No	9:12	2	Not recorded
Black Drongo	No	9:14	1	Not recorded
Coppersmith Barbet	No	9:14	1	Not recorded
Oriental Magpie Robin	No	9:14	1	Not recorded
Unknown	No	9:14	1	Not recorded
I heard that "'tree' bird".				
Plumheaded Parakeet	No	9:14	1	Not recorded
Redwhiskered Bulbul	No	9:16	Several	Not recorded
Jungle Myna	No	9:16	1	Not recorded
Common Myna	No	9:20	1	Not recorded
Largebilled Crow	No	9:20	1	Not recorded
Redwhiskered Bulbul	No	9:20	Several	Not recorded
Jungle Myna	No	9:20	Several	Not recorded
Coppersmith Barbet	No	9:20	1	Not recorded
Largebilled Crow	No	9:22	1	Not recorded
Common Myna	No	9:22	1	Not recorded
Coppersmith Barbet	No	9:22	1	Not recorded
Redwhiskered Bulbul	No	9:22	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Redwhiskered Bulbul	No	9:24	Several	Not recorded
Largebilled Crow	No	9:24	Several	Not recorded
Common Iora	No	9:24	1	Not recorded
Whitethroated Kingfisher	No	9:24	1	Not recorded
Common Myna	No	9:24	1	Not recorded
Whitecheeked Barbet	No	9:24	Several	Not recorded
Redwhiskered Bulbul	No	9:26	Several	Not recorded
Largebilled Crow	No	9:26	1	Not recorded
Coppersmith Barbet	No	9:26	1	Not recorded
Whitethroated Kingfisher	No	9:28	1	Not recorded
Largebilled Crow	No	9:28	1	Not recorded
Redwhiskered Bulbul	No	9:28	Several	Not recorded
Whitecheeked Barbet	No	9:28	1	Not recorded
Scarlet Minivet	No	9:30	1	Not recorded
Largebilled Crow	No	9:30	1	Not recorded
Redwhiskered Bulbul	No	9:30	Several	Not recorded
Coppersmith Barbet	No	9:30	1	Not recorded
Oriental Magpie Robin	No	9:30	1	Not recorded
Grey Francolin	No	9:30	1	Not recorded
Largebilled Crow	No	9:32	1	Not recorded
Yellowbilled Babbler	No	9:32	Several	Not recorded
Coppersmith Barbet	No	9:32	1	Not recorded
Redwhiskered Bulbul	No	9:32	Several	Not recorded
Common Myna	No	9:32	1	Not recorded
Largebilled Crow	No	9:34	1	Not recorded
Common Iora	No	9:34	1	Not recorded
Redwhiskered Bulbul	No	9:34	Several	Not recorded
Jungle Owlet	No	9:36	1	Not recorded
Largebilled Crow	No	9:36	Several	Not recorded
Redwhiskered Bulbul	No	9:36	Several	Not recorded
Crested Serpent Eagle	No	9:36	1	Not recorded
Coppersmith Barbet	No	9:36	1	Not recorded
Largebilled Crow	No	9:38	Several	Not recorded
Redwhiskered Bulbul	No	9:38	Several	Not recorded
Coppersmith Barbet	No	9:38	1	Not recorded
Common Myna	No	9:38	1	Not recorded
Coppersmith Barbet	No	9:40	1	Not recorded
Redwhiskered Bulbul	No	9:40	Several	Not recorded
Largebilled Crow	No	9:40	Several	Not recorded
Grey Francolin	No	9:40	1	Not recorded
Coppersmith Barbet	No	9:42	1	Not recorded
Largebilled Crow	No	9:42	Several	Not recorded
Redwhiskered Bulbul	No	9:42	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Oriental Magpie Robin	No	9:44	1	Not recorded
Coppersmith Barbet	No	9:44	Several	Not recorded
Largebilled Crow	No	9:44	Several	Not recorded
Common Myna	No	9:44	Several	Not recorded
Redwhiskered Bulbul	No	9:44	Several	Not recorded
Common Myna	No	9:46	Several	Not recorded
Redwhiskered Bulbul	No	9:46	Several	Not recorded
Largebilled Crow	No	9:46	Several	Not recorded
Coppersmith Barbet	No	9:46	1	Not recorded
Black Drongo	No	9:46	1	Not recorded
Coppersmith Barbet	No	9:48	Several	Not recorded
Redwhiskered Bulbul	No	9:48	1	Not recorded
Largebilled Crow	No	9:48	1	Not recorded
Common Myna	No	9:48	1	Not recorded
Whitethroated Kingfisher	No	9:48	1	Not recorded
Whitethroated Kingfisher	No	9:50	1	Not recorded
Coppersmith Barbet	No	9:50	Several	Not recorded
Redwhiskered Bulbul	No	9:50	Several	Not recorded
Largebilled Crow	No	9:50	Several	Not recorded
Coppersmith Barbet	No	9:52	Several	Not recorded
Common Myna	No	9:52	1	Not recorded
Largebilled Crow	No	9:52	Several	Not recorded
Whitethroated Kingfisher	No	9:52	1	Not recorded
Common Myna	No	9:54	Several	Not recorded
Coppersmith Barbet	No	9:54	Several	Not recorded
Largebilled Crow	No	9:54	Several	Not recorded
Redwhiskered Bulbul	No	9:54	Several	Not recorded
Oriental Magpie Robin	No	9:54	Several	Not recorded
Oriental Magpie Robin	No	9:56	1	Not recorded
Coppersmith Barbet	No	9:56	Several	Not recorded
Largebilled Crow	No	9:56	Several	Not recorded
Largebilled Crow	No	9:58	Several	Not recorded
Coppersmith Barbet	No	9:58	1	Not recorded
Redwhiskered Bulbul	No	9:58	Several	Not recorded
Redvented Bulbul	No	10:00	1	Not recorded
Largebilled Crow	No	10:00	Several	Not recorded
Redwhiskered Bulbul	No	10:00	Several	Not recorded
Coppersmith Barbet	No	10:00	Several	Not recorded
Coppersmith Barbet	No	10:02	1	Not recorded
Redwhiskered Bulbul	No	10:02	Several	Not recorded
Oriental Magpie Robin	No	10:04	1	Not recorded
Largebilled Crow	No	10:04	Several	Not recorded
Coppersmith Barbet	No	10:04	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Common Myna	No	10:06	Several	Not recorded
Jungle Owlet	No	10:06	1	Not recorded
Coppersmith Barbet	No	10:06	Several	Not recorded
Largebilled Crow	No	10:06	Several	Not recorded
Common Iora	No	10:06	1	Not recorded

**Transect** 29                    **Locality** School shola

**Date** Monday, May 10, 1999 **Weather** Partly cloudy, still to mild breeze, and hot.

**Start Time** 8:10 AM            **Transect Direction**

**Stop Time** 10:10 AM        **Altitude** 1105

### Area Description

This transect took place on a series of paths within the shola that is located near a large school. The school is about a kilometer from Chemmedu. From the school, a short trail leads back through pineapple and tapioca fields before it arrives at a large rice field. The trail crosses the rice field and leads immediately into the shola. The transect follows a series of paths through the shola. The avian observations were recorded from 8 to 10 AM while walking along the transect. The vegetation observations were recorded immediately afterwards while walking back along the same transect route to the starting point. The distance that was measured at 600 meters while conducting the avian observations, only came out to 580 meters while conducting the vegetation observations. The vegetation observations begin where the avian observations end, so the order of the two is reversed. Additionally, the direction of the path was recorded while conducting the vegetation observations.

### Vegetation and General Description

0 meters. Although some lantana is present, the undergrowth is slightly less dense.

20 meters. The undergrowth is much less dense and it is possible to see through it. The trees are more numerous and taller.

40 meters. Same as before, except that the slopes are steeper.

60 meters. Same as before, except that the undergrowth is a little denser.

80 meters. The trees are fairly tall and the undergrowth is dense. The slopes are very steep and there is a clear view of the plains to the west.

100 meters. The slopes are steep, but there is good canopy cover and little undergrowth. The undergrowth is mostly non-deciduous and the canopy is over twenty meters in height.

120 meters. Same as before.

140 meters. Same as before.

160 meters. Same as before.

180 meters. The slopes are less steep than before and there is a little more undergrowth.

200 meters. Same as before.

220 meters. Same as before.

230 meters. The trail bifurcates with the eastern fork heading for the rice field adjacent to the shola. This eastern fork was taken (remember that the directions are all switched in the vegetation descriptions).

240 meters. The path now turns towards 120°. The elevation is 1115 meters. The land is not as steeply sloping as before and the slope direction is ~60°.

260 meters. The path now turns towards 140°. The understory is very thick. Although there are some taller trees, there are many breaks in the canopy.

280 meters. The path now turns towards 120°. The undergrowth is extremely dense and contains lantana camera. The land mildly slopes to ~40°.

320 meters. The path now turns towards 100°. There are a great number of lianas. Similar to before, undergrowth is very dense and lianas present in large quantities. L. camera is present. The elevation is 1110 meters.

360 meters. Although there is even less canopy at this point, no l. camera is present. Understory very thick and most of the land is not shaded by the canopy.

400 meters. The path now turns towards 60°. The vegetation is the same as before but l. camera is present.

410 meters. The landscape is completely dominated by l. camera and the path forms a tunnel through the l. camera thicket.

440 meters. The path now turns towards 70°. Tree density is very low. Although l. camera is the dominant species in the undergrowth, other species are present.

480 meters. The path now turns towards 120°. Vegetation is the same as before except that the l. camera is very dense.

520 meters. The path now turns towards 70°. The vegetation is the same as before.

560 meters. The path now turns towards 120°. The tree density is higher and l. camera is not present, but

the undergrowth is still very dense. There are fewer breaks in the canopy than previously. 580 meters. This point is the end of the transect. The shola ends here and is fringed by a ten to fifteen meter border of l. camera. A large rice paddy is adjacent to the l. camera.

**Notes**

At 9:26, I was at the turnoff to the falls.

**FLYING BIRDS**

Species	Uncertain ID?	Time	Number	Height
Largebilled Crow	No	8:18	3	Lower then 30 meters
Scarlet Minivet	No	9:06	2	Lower then 30 meters

I sighted a male and female pair.

**STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Greater Racket-tailed Drongo	No	8:16	1	Between 20 and 49 meters	10
Common Iora	No	8:34	1	Between 20 and 49 meters	5
I sighted a female.					
Greater Racket-tailed Drongo	No	9:34	1	Between 5 and 9 meters	2

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Common Iora	No	8:10	1	Not recorded
Greater Racket-tailed Drongo	No	8:10	1	Not recorded
Redwattled Lapwing	No	8:10	1	Not recorded
Largebilled Crow	No	8:10	1	Not recorded
Jungle Myna	No	8:10	Several	Not recorded
Common Myna	No	8:10	Several	Not recorded
Redwhiskered Bulbul	No	8:10	1	Not recorded
Oriental Magpie Robin	No	8:10	1	Not recorded
Malabar Whistling Thrush	No	8:10	1	Not recorded
Redwhiskered Bulbul	No	8:12	1	Not recorded
Jungle Myna	No	8:12	Several	Not recorded
Common Myna	No	8:12	Several	Not recorded
Coppersmith Barbet	No	8:14	1	Not recorded
Jungle Myna	No	8:14	Several	Not recorded
Common Myna	No	8:14	Several	Not recorded
Coppersmith Barbet	No	8:16	1	Not recorded
Largebilled Crow	No	8:16	1	Not recorded
Redwhiskered Bulbul	No	8:16	1	Not recorded
Common Myna	No	8:16	Several	Not recorded
Flowerpecker (species uncertain)	No	8:16	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Jungle Myna	No	8:16	Several	Not recorded
Greater Coucal	No	8:16	2	Not recorded
Coppersmith Barbet	No	8:18	1	Not recorded
Velvetfronted Nuthatch	No	8:18	1	Not recorded
Jungle Myna	No	8:18	Several	Not recorded
Largebilled Crow	No	8:18	Several	Not recorded
Scarlet Minivet	No	8:18	1	Not recorded
Redwhiskered Bulbul	No	8:18	Several	Not recorded
Unknown	No	8:20	1	Not recorded

I heard a one-noted, fast, and soft call, "see see see see seeou". The call had a whistling tone and was repeated. The call was always repeated the same way.

Oriental Magpie Robin	No	8:20	1	Not recorded
Largebilled Crow	No	8:20	Several	Not recorded
Palebilled Flowerpecker	No	8:20	1	Not recorded
Myna (species uncertain)	No	8:20	Several	Not recorded

The birds may also have been common mynas.

Grey Francolin	No	8:20	1	Not recorded
Common Iora	No	8:20	1	Not recorded
Scarlet Minivet	No	8:20	Several	Not recorded
Largebilled Crow	No	8:22	Several	Not recorded
Black Drongo	No	8:22	2	Not recorded
Coppersmith Barbet	No	8:22	1	Not recorded
Scarlet Minivet	No	8:22	1	Not recorded
Brown Shrike	No	8:22	1	Not recorded
Jungle Myna	No	8:22	Several	Not recorded
Scarlet Minivet	No	8:24	Several	Not recorded
Brown Shrike	No	8:24	1	Not recorded
Scarlet Minivet	No	8:24	1	Not recorded
Spotted Dove	No	8:24	1	Not recorded
Largebilled Crow	No	8:24	Several	Not recorded
Redwhiskered Bulbul	No	8:24	Several	Not recorded
Redwhiskered Bulbul	No	8:26	Several	Not recorded
Malabar Parakeet	No	8:26	1	Not recorded
Plain Flowerpecker	No	8:26	1	Not recorded
Coppersmith Barbet	No	8:26	1	Not recorded
Oriental Magpie Robin	No	8:26	1	Not recorded
Jungle Myna	No	8:26	Several	Not recorded
Redwhiskered Bulbul	No	8:28	Several	Not recorded
Grey Francolin	No	8:28	1	Not recorded
Largebilled Crow	No	8:28	Several	Not recorded
Tickell's Blue Flycatcher	No	8:28	1	Not recorded
Plain Flowerpecker	No	8:28	1	Not recorded
Jungle Myna	No	8:28	Several	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Coppersmith Barbet	No	8:28	1	Not recorded
Palebilled Flowerpecker	No	8:30	1	Not recorded
Malabar Whistling Thrush	No	8:30	1	Not recorded
Redwhiskered Bulbul	No	8:30	Several	Not recorded
Jungle Myna	No	8:30	Several	Not recorded
Common Iora	No	8:30	1	Not recorded
Coppersmith Barbet	No	8:30	2	Not recorded
Malabar Parakeet	No	8:30	1	Not recorded
Plain Flowerpecker	No	8:30	1	Not recorded
Palebilled Flowerpecker	No	8:32	2	Not recorded
Plain Flowerpecker	No	8:32	1	Not recorded
Scarlet Minivet	No	8:32	1	Not recorded
Jungle Myna	No	8:32	Several	Not recorded
Redwhiskered Bulbul	No	8:32	Several	Not recorded
Malabar Whistling Thrush	No	8:32	1	Not recorded
Jungle Myna	No	8:34	Several	Not recorded
Greater Racket-tailed Drongo	No	8:34	1	Not recorded
Flowerpecker (species uncertain)	No	8:34	1	Not recorded
Scarlet Minivet	No	8:34	Several	Not recorded
Redwhiskered Bulbul	No	8:34	Several	Not recorded
Scarlet Minivet	No	8:36	Several	Not recorded
Malabar Whistling Thrush	No	8:36	1	Not recorded
Largebilled Crow	No	8:36	Several	Not recorded
Jungle Myna	No	8:36	Several	Not recorded
Redwhiskered Bulbul	No	8:36	Several	Not recorded
Unknown	No	8:36	1	Not recorded
I heard the call that I first heard at 8:20.				
Largebilled Crow	No	8:38	Several	Not recorded
Largebilled Nightjar	No	8:38	1	Not recorded
Browncheeked Fulvetta	No	8:38	1	Not recorded
Grey Francolin	No	8:38	1	Not recorded
Malabar Whistling Thrush	No	8:38	1	Not recorded
Yellowbrowed Bulbul	No	8:38	Several	Not recorded
Oriental White-eye	No	8:38	Several	Not recorded
Scarlet Minivet	No	8:38	Several	Not recorded
Malabar Parakeet	No	8:40	1	Not recorded
Jungle Myna	No	8:42	Several	Not recorded
Unknown	No	8:42	2	Not recorded
I heard a soft and repeated call, "woop oop oop oop oop". The call was reminiscent of a hoopoe's call and was continuously repeated for several minutes. The two birds were echoing each other.				
Greater Coucal	No	8:42	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Oriental Magpie Robin	No	8:44	1	Not recorded
Coppersmith Barbet	No	8:44	1	Not recorded
Flowerpecker (species uncertain)	No	8:44	1	Not recorded
Oriental White-eye	No	8:44	Several	Not recorded
Largebilled Crow	No	8:44	Several	Not recorded
Greater Coucal	No	8:44	1	Not recorded
Greater Coucal	No	8:46	1	Not recorded
Scarlet Minivet	No	8:46	Several	Not recorded
Redwhiskered Bulbul	No	8:46	Several	Not recorded
Unknown	No	8:48	1	Not recorded

I heard a quick and three-noted call that was repeated continuously. The call had a rich tone and seemed to be coming from the undergrowth.

Yellowbrowed Bulbul	No	8:48	1	Not recorded
Yellowbrowed Bulbul	No	8:50	1	Not recorded
Redwhiskered Bulbul	No	8:50	Several	Not recorded
Common Iora	No	8:50	1	Not recorded
Coppersmith Barbet	No	8:50	2	Not recorded
Common Iora	No	8:52	1	Not recorded
Tickell's Blue Flycatcher	No	8:52	1	Not recorded
Malabar Whistling Thrush	No	8:52	1	Not recorded
Oriental Magpie Robin	No	8:52	1	Not recorded
Plumheaded Parakeet	No	8:52	1	Not recorded
Common Iora	No	8:54	1	Not recorded
Yellowbrowed Bulbul	No	8:54	Several	Not recorded
Malabar Whistling Thrush	No	8:54	1	Not recorded
Unknown	No	8:54	2	Not recorded

I heard the call that I first heard at 8:42.

Greater Racket-tailed Drongo	No	8:54	1	Not recorded
Plumheaded Parakeet	No	8:54	1	Not recorded
Unknown	No	8:58	1	Not recorded

I heard another "see see see seeou", but this call was slower than the last described this way and it had a yellowbrowed bulbul-like tone.

Scarlet Minivet	No	8:58	Several	Not recorded
Unknown	No	8:58	1	Not recorded

I heard the call that I first heard at 8:20.

Largebilled Crow	No	8:58	Several	Not recorded
Malabar Whistling Thrush	No	8:58	1	Not recorded
Unknown	No	8:58	1	Not recorded

I heard the call that I first heard at 8:42.

Greater Racket-tailed Drongo	No	8:58	1	Not recorded
Greater Coucal	No	9:00	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Scarlet Minivet	No	9:00	1	Not recorded
Unknown	No	9:00	1	Not recorded

I heard the call that I first heard at 8:58.

Largebilled Crow	No	9:00	Several	Not recorded
Unknown	No	9:00	2	Not recorded

I heard the call that I first heard at 8:42.

Scarlet Minivet	No	9:00	Several	Not recorded
Malabar Whistling Thrush	No	9:00	1	Not recorded
Crested Serpent Eagle	No	9:02	1	Not recorded
Plain Flowerpecker	No	9:02	1	Not recorded
Unknown	No	9:02	1	Not recorded

I heard a very familiar three-noted call that was continuously repeated. The call had a rough tone like that of a Malabar whistling thrush with a sore throat.

Oriental White-eye	No	9:02	Several	Not recorded
Largebilled Crow	No	9:02	Several	Not recorded
Unknown	No	9:02	2	Not recorded

I heard the call that I first heard at 8:42.

Oriental Magpie Robin	No	9:04	1	Not recorded
Browncheeked Fulvetta	No	9:04	1	Not recorded
Unknown	No	9:04	1	Not recorded

I heard the call that I first heard at 8:42.

Largebilled Crow	No	9:04	Several	Not recorded
Jungle Myna	No	9:04	1	Not recorded
Common Iora	No	9:04	1	Not recorded
Scarlet Minivet	No	9:04	2	Not recorded
Coppersmith Barbet	No	9:06	1	Not recorded
Scarlet Minivet	No	9:06	Several	Not recorded
Unknown	No	9:06	1	Not recorded

I heard an unknown call that I described in this way "Take the call of the scarlet minivet. Slow the call down a lot and deepen it to about the level of a greater coucal. Shorten the call to about two or three seconds in length - that is what I heard".

Crested Serpent Eagle	No	9:06	1	Not recorded
Scarlet Minivet	No	9:06	Several	Not recorded
Unknown	No	9:08	1	Not recorded

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

Yellowbrowed Bulbul	No	9:08	1	Not recorded
Malabar Whistling Thrush	No	9:08	1	Not recorded
Malabar Whistling Thrush	No	9:10	2	Not recorded
Greater Coucal	No	9:10	Several	Not recorded
Plain Flowerpecker	No	9:10	1	Not recorded
Unknown	No	9:10	1	Not recorded

I heard just the questioning, bubbly part of the yellowbrowed bulbul's call. The call was slightly rougher in tone than the call of the yellowbrowed bulbul. The call was repeated continuously. I think that the bird is a thrush.

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Yellowbrowed Bulbul	No	9:10	Several	Not recorded
Yellowbrowed Bulbul	No	9:12	1	Not recorded
Grey Francolin	No	9:12	1	Not recorded
Malabar Whistling Thrush	No	9:12	1	Not recorded
Unknown	No	9:12	1	Not recorded

I heard a metallic "kick" that was somewhat reminiscent of a plain flowerpecker. This call was much slower in frequency, however.

Flowerpecker (species uncertain)	No	9:12	1	Not recorded
Unknown	No	9:12	1	Not recorded

I heard the call that I first heard at 9:10.

Largebilled Crow	No	9:12	Several	Not recorded
Coppersmith Barbet	No	9:16	1	Not recorded
Redwhiskered Bulbul	No	9:16	1	Not recorded
Yellowbrowed Bulbul	No	9:16	1	Not recorded
Common Iora	No	9:16	1	Not recorded
Scarlet Minivet	No	9:16	1	Not recorded
Flowerpecker (species uncertain)	No	9:16	1	Not recorded
Unknown	No	9:16	1	Not recorded

I heard the call that I first heard at 9:10.

Malabar Whistling Thrush	No	9:16	1	Not recorded
Flowerpecker (species uncertain)	No	9:18	1	Not recorded
Scarlet Minivet	No	9:18	Several	Not recorded
Coppersmith Barbet	No	9:18	1	Not recorded
Redwhiskered Bulbul	No	9:18	Several	Not recorded
Unknown	No	9:18	1	Not recorded

I heard the call that I first heard at 9:10.

Malabar Whistling Thrush	No	9:20	1	Not recorded
Oriental Magpie Robin	No	9:20	1	Not recorded
Flowerpecker (species uncertain)	No	9:20	1	Not recorded
Crested Serpent Eagle	No	9:20	1	Not recorded
Redwhiskered Bulbul	No	9:20	Several	Not recorded
Whiterumped Shama	No	9:20	1	Not recorded
Unknown	No	9:20	1	Not recorded

I heard the call that I first heard at 9:10.

Whiterumped Shama	No	9:22		Not recorded
Malabar Whistling Thrush	No	9:22	1	Not recorded
Oriental Magpie Robin	No	9:24	1	Not recorded
Common Iora	No	9:24	1	Not recorded
Redwhiskered Bulbul	No	9:24	1	Not recorded
Scarlet Minivet	No	9:24	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Yellowbrowed Bulbul	No	9:24	1	Not recorded
Indian Scimitar Babbler	No	9:24	1	Not recorded
Unknown	No	9:26	1	Not recorded
I heard the call that I first heard at 9:10.				
Indian Scimitar Babbler	No	9:26	1	Not recorded
Yellowbrowed Bulbul	No	9:26	1	Not recorded
Flowerpecker (species uncertain)	No	9:26	1	Not recorded
Coppersmith Barbet	No	9:28	1	Not recorded
Whiterumped Shama	No	9:28	1	Not recorded
Plain Flowerpecker	No	9:28	1	Not recorded
Indian Scimitar Babbler	No	9:28	1	Not recorded
Palebilled Flowerpecker	No	9:28	1	Not recorded
Palebilled Flowerpecker	No	9:32	1	Not recorded
Common Iora	No	9:32	1	Not recorded
Coppersmith Barbet	No	9:32	1	Not recorded
Yellowbrowed Bulbul	No	9:32	1	Not recorded
Rufous Tree Pie	No	9:32	1	Not recorded
Tickell's Blue Flycatcher	No	9:34	1	Not recorded
Common Iora	No	9:34	1	Not recorded
Redwhiskered Bulbul	No	9:36	1	Not recorded
Brown Shrike	Yes	9:36	1	Not recorded
I heard the call "predeek predeek".				
Coppersmith Barbet	No	9:36	1	Not recorded
Oriental Magpie Robin	No	9:38	1	Not recorded
Scarlet Minivet	No	9:38	Several	Not recorded
Yellowbrowed Bulbul	No	9:38	Several	Not recorded
Common Iora	No	9:38	1	Not recorded
Redwhiskered Bulbul	No	9:38	Several	Not recorded
Flowerpecker (species uncertain)	No	9:40	1	Not recorded
Common Iora	No	9:40	1	Not recorded
Greater Flameback	No	9:40	1	Not recorded
I heard the woodpecker that made the oriental honey buzzard like call.				
Coppersmith Barbet	No	9:40	1	Not recorded
Redwhiskered Bulbul	No	9:40	Several	Not recorded
Oriental Magpie Robin	No	9:40	1	Not recorded
Greater Racket-tailed Drongo	No	9:40	1	Not recorded
Yellowbrowed Bulbul	No	9:42	Several	Not recorded
Greater Flameback	No	9:42	1	Not recorded
I heard the woodpecker that made the oriental honey buzzard like call.				
Coppersmith Barbet	No	9:42	2	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Crested Serpent Eagle	No	9:42	1	Not recorded
Redwhiskered Bulbul	No	9:42	Several	Not recorded
Oriental Magpie Robin	No	9:42	Several	Not recorded
Common Iora	No	9:42	1	Not recorded
Brown Shrike	No	9:42	1	Not recorded
Greater Racket-tailed Drongo	No	9:42	1	Not recorded
Scarlet Minivet	No	9:42	Several	Not recorded
Common Iora	No	9:44	1	Not recorded
Redwhiskered Bulbul	No	9:44	Several	Not recorded
Oriental Magpie Robin	No	9:44	Several	Not recorded
Coppersmith Barbet	No	9:44	1	Not recorded
Crested Serpent Eagle	No	9:44	1	Not recorded
Redwhiskered Bulbul	No	9:46	Several	Not recorded
Yellowbrowed Bulbul	No	9:46	Several	Not recorded
Common Iora	No	9:46	1	Not recorded
Oriental Magpie Robin	No	9:46	Several	Not recorded
Crested Serpent Eagle	No	9:46	1	Not recorded
Flowerpecker (species uncertain)	No	9:46	1	Not recorded
Scarlet Minivet	No	9:48	Several	Not recorded
Common Iora	No	9:48	1	Not recorded
Oriental Magpie Robin	No	9:48	Several	Not recorded
Yellowbrowed Bulbul	No	9:48	Several	Not recorded
Coppersmith Barbet	No	9:50	1	Not recorded
Oriental Magpie Robin	No	9:50	Several	Not recorded
Flowerpecker (species uncertain)	No	9:50	1	Not recorded
Yellowbrowed Bulbul	No	9:50	Several	Not recorded
Greater Flameback	No	9:52	1	Not recorded
I heard the woodpecker that made the oriental honey buzzard like call.				
Indian Scimitar Babbler	Yes	9:52	1	Not recorded
I heard a call that sounded like the first two notes of the babbler's call. This call had a rougher tone than the scimitar babbler's. The call was continuously repeated with a break in between repeats.				
Crested Serpent Eagle	No	9:52	1	Not recorded
Crested Serpent Eagle	No	9:54	1	Not recorded
Scarlet Minivet	No	9:54	Several	Not recorded
Redwhiskered Bulbul	No	9:56	Several	Not recorded
Unknown	No	9:56	1	Not recorded
I heard a call, "piou", that was reminiscent of a common iora. This call was just "piou", however, and lacked the variety of the iora's call. The call was continuously repeated with a short break in between repeats.				
Coppersmith Barbet	No	9:56	1	Not recorded
Common Iora	No	9:56	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Unknown	No	10:00	1	Not recorded
I heard the call that I first heard at 9:56. This time, however, the call consisted of double "piou"s.				
Redwhiskered Bulbul	No	10:02	1	Not recorded
Plain Flowerpecker	No	10:02	1	Not recorded
Unknown	No	10:02	1	Not recorded
I heard the call that I first heard at 10:00.				
Coppersmith Barbet	No	10:02	1	Not recorded
Crested Serpent Eagle	No	10:04	1	Not recorded
Redwhiskered Bulbul	No	10:04	1	Not recorded
Scarlet Minivet	No	10:06	Several	Not recorded
Redwhiskered Bulbul	No	10:06	Several	Not recorded
Greater Coucal	No	10:06	1	Not recorded
Common Iora	No	10:06	1	Not recorded
Coppersmith Barbet	No	10:06	1	Not recorded
Scarlet Minivet	No	10:08	1	Not recorded
Common Iora	No	10:08	1	Not recorded

**Transect** 30      **Locality** Cultivation near Thaynoor  
**Date** Tuesday, May 11, 1999    **Weather** Clear sky, hot, and slightly windy.  
**Start Time** 7:53 AM    **Transect Direction** 300  
**Stop Time** 9:53 AM    **Altitude** 1205

**Area Description**

This transect took place in the cultivation immediately southeast of Thaynoor. To reach the place, I walked, on the main road, from Solakkadu north to Kulivalavu. At Kulivalavu, the road forked and I took the southern fork. After several kilometers, the road forked again and I chose the right fork (as I faced south). Less than a kilometer from the fork lay Thaynoor.

**Vegetation and General Description**

The transect began in a long and narrow pineapple field. The transect crossed the field along its narrow axis. The ground sloped to the north. Upslope of the pineapple field, there was a fringe of silveroak, and upslope of that lay only bare rock. Downslope of the pineapple, lay a narrow rice field (the rice was ripe and being harvested). Beyond the rice field lay tapioca cultivation.

The transect passed from the pineapple field into an open pasture that contained scattered lantana and silveroak. The transect then passed into a large tapioca field that contained a little bit of bamboo on the fringes. Banana fringed the tapioca cultivation to the north and beyond the banana lay the same narrow rice field. There were a few scattered trees within the tapioca.

See Notes for distances of each section.

**Notes**

- Just before the transect started, I saw a rufous tree pie and heard a whitebrowed bulbul.
- At 8:05 the transect left the pineapple field and entered the pasture. The grass within the pasture was quite short and some lantana was present.
- At 8:25 I entered a very thin silveroak stand. The land was still mostly pasture and lantana.
- At 8:43, the transect entered the large tapioca field. The field was bordered to the north by the rice field and to the south by silveroak.
- At 9:03 I noted that the cultivation contained a mixture of pineapple, tapioca, and banana.
- At 9:37, the transect entered a section of cultivation that contained just banana.
- At 9:47, the transect crossed into the rice field.
- At 9:51, the transect crossed out of the rice field and back into tapioca.

**FLYING BIRDS**

Species	Uncertain ID?	Time	Number	Height
Jungle Myna	No	7:57	2	Lower than 30 meters
Common Myna	No	7:59	1	Lower than 30 meters
Jungle Myna	No	9:09	2	Lower than 30 meters
Ashy Wood Swallow	No	9:09	2	Lower than 30 meters
Largebilled Crow	No	9:09	1	Lower than 30 meters
Brahminy Kite	No	9:09	1	Lower than 30 meters
Largebilled Crow	No	9:15	1	Lower than 30 meters
Ashy Wood Swallow	No	9:17	1	Lower than 30 meters
Largebilled Crow	No	9:21	1	Lower than 30 meters
Largebilled Crow	No	9:23	1	Lower than 30 meters
Jungle Myna	No	9:51	4	Lower than 30 meters

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Oriental Magpie Robin	No	7:53	Several	Not recorded
Largebilled Crow	No	7:53	Several	Not recorded
Common Iora	No	7:53	1	Not recorded
Whitecheeked Barbet	No	7:53	Several	Not recorded
Myna (species uncertain)	No	7:53	1	Not recorded

The bird may also have been a common myna.

Redwhiskered Bulbul	No	7:53	Several	Not recorded
Common Iora	No	7:55	Several	Not recorded
Redwhiskered Bulbul	No	7:55	Several	Not recorded
Greater Coucal	No	7:55	1	Not recorded
Common Myna	No	7:55	Several	Not recorded
Whitecheeked Barbet	No	7:55	Several	Not recorded
Largebilled Crow	No	7:55	Several	Not recorded
Oriental Magpie Robin	No	7:55	Several	Not recorded
Redwhiskered Bulbul	No	7:55	Several	Not recorded
Jungle Myna	No	7:55	1	Not recorded
Common Iora	No	7:57	1	Not recorded
Myna (species uncertain)	No	7:57	Several	Not recorded

The birds may also have been common mynas

Greater Coucal	No	7:57	1	Not recorded
Greater Coucal	No	7:59	1	Not recorded
Myna (species uncertain)	No	7:59	Several	Not recorded

The birds may also have been common mynas.

Redwhiskered Bulbul	No	7:59	Several	Not recorded
Common Iora	No	7:59	1	Not recorded
Whitecheeked Barbet	No	7:59	Several	Not recorded
Largebilled Crow	No	8:01	1	Not recorded
Greater Coucal	No	8:01	1	Not recorded
Coppersmith Barbet	No	8:01	2	Not recorded
Myna (species uncertain)	No	8:01	Several	Not recorded

The birds may also have been common mynas.

Redwhiskered Bulbul	No	8:01	Several	Not recorded
Redwhiskered Bulbul	No	8:03	Several	Not recorded
Greater Coucal	No	8:03	1	Not recorded
Whitecheeked Barbet	No	8:03	Several	Not recorded
Jungle Myna	No	8:05	Several	Not recorded
Redwhiskered Bulbul	No	8:05	Several	Not recorded
Whitecheeked Barbet	No	8:05	Several	Not recorded
Brown Shrike	No	8:05	1	Not recorded
Whitecheeked Barbet	No	8:07	Several	Not recorded
Redwhiskered Bulbul	No	8:07	Several	Not recorded
Myna (species uncertain)	No	8:07	Several	Not recorded

The birds may also have been common mynas.

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Largebilled Crow	No	8:07	1	Not recorded
Brown Shrike	No	8:07	1	Not recorded
Whitebrowed Bulbul	No	8:09	1	Not recorded
Redwhiskered Bulbul	No	8:09	Several	Not recorded
Whitecheeked Barbet	No	8:09	Several	Not recorded
Largebilled Crow	No	8:09	1	Not recorded
Oriental Magpie Robin	No	8:09	1	Not recorded
Jungle Owlet	No	8:11	1	Not recorded
Largebilled Crow	No	8:11	1	Not recorded
Myna (species uncertain)	No	8:11	Several	Not recorded

The birds may also have been common mynas.

Whitebrowed Bulbul	No	8:11	1	Not recorded
Redwhiskered Bulbul	No	8:11	Several	Not recorded
Redwhiskered Bulbul	No	8:13	Several	Not recorded
Oriental Magpie Robin	No	8:13	1	Not recorded
Myna (species uncertain)	No	8:13	Several	Not recorded

The birds may also have been common mynas.

Largebilled Crow	No	8:13	1	Not recorded
Common Iora	No	8:13	1	Not recorded
Redwhiskered Bulbul	No	8:15	Several	Not recorded
Myna (species uncertain)	No	8:15	Several	Not recorded

The birds may also have been common mynas.

Myna (species uncertain)	No	8:19	Several	Not recorded
--------------------------	----	------	---------	--------------

The birds may also have been common mynas.

Redwhiskered Bulbul	No	8:19	Several	Not recorded
Whitecheeked Barbet	No	8:19	Several	Not recorded
Common Iora	No	8:19	1	Not recorded
Myna (species uncertain)	No	8:21	Several	Not recorded

The birds may also have been common mynas.

Common Iora	No	8:21	1	Not recorded
Whitecheeked Barbet	No	8:21	Several	Not recorded
Redwhiskered Bulbul	No	8:21	Several	Not recorded
Largebilled Crow	No	8:21	1	Not recorded
Eurasian Hoopoe	No	8:21	1	Not recorded
Whitebrowed Bulbul	No	8:23	1	Not recorded
Eurasian Hoopoe	No	8:23	1	Not recorded
Largebilled Crow	No	8:23	Several	Not recorded
Whitecheeked Barbet	No	8:23	Several	Not recorded
Myna (species uncertain)	No	8:23	Several	Not recorded

The birds may also have been common mynas.

Redwhiskered Bulbul	No	8:23	Several	Not recorded
Common Iora	No	8:23	1	Not recorded
Redwhiskered Bulbul	No	8:25	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Myna (species uncertain)	No	8:25	Several	Not recorded
The birds may also have been common mynas.				
Largebilled Crow	No	8:25	Several	Not recorded
Common Iora	No	8:25	1	Not recorded
Oriental Magpie Robin	No	8:25	1	Not recorded
Oriental Magpie Robin	No	8:27	1	Not recorded
Whitebrowed Bulbul	No	8:27	1	Not recorded
Redwhiskered Bulbul	No	8:27	Several	Not recorded
Common Iora	No	8:27	1	Not recorded
Redwhiskered Bulbul	No	8:31	Several	Not recorded
Myna (species uncertain)	No	8:33	Several	Not recorded
The birds may also have been common mynas.				
Redwhiskered Bulbul	No	8:33	Several	Not recorded
Largebilled Crow	No	8:33	1	Not recorded
Redwhiskered Bulbul	No	8:35	Several	Not recorded
Largebilled Crow	No	8:35	1	Not recorded
Myna (species uncertain)	No	8:37	Several	Not recorded
The birds may also have been common mynas.				
Redwhiskered Bulbul	No	8:38	Several	Not recorded
Whitecheeked Barbet	No	8:38	Several	Not recorded
Largebilled Crow	No	8:39	1	Not recorded
Redwhiskered Bulbul	No	8:41	Several	Not recorded
Redwhiskered Bulbul	No	8:43	Several	Not recorded
Whitecheeked Barbet	No	8:43	Several	Not recorded
Largebilled Crow	No	8:43	1	Not recorded
Redwhiskered Bulbul	No	8:45	Several	Not recorded
Redwhiskered Bulbul	No	8:47	Several	Not recorded
Largebilled Crow	No	8:47	2	Not recorded
Coppersmith Barbet	No	8:47	1	Not recorded
Redwhiskered Bulbul	No	8:49	Several	Not recorded
Myna (species uncertain)	No	8:49	1	Not recorded
The bird may also have been a common myna.				
Common Myna	No	8:51	1	Not recorded
Redwhiskered Bulbul	No	8:51	Several	Not recorded
Jungle Owlet	No	8:53	1	Not recorded
Redvented Bulbul	No	8:53	1	Not recorded
Common Myna	No	8:53	1	Not recorded
Largebilled Crow	No	8:53	1	Not recorded
Redwhiskered Bulbul	No	8:55	Several	Not recorded
Redvented Bulbul	No	8:55	1	Not recorded
Common Myna	No	8:55	1	Not recorded
Redvented Bulbul	No	8:57	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Myna (species uncertain)	No	8:59	Several	Not recorded
The birds may also have been common mynas.				
Common Myna	No	9:03	1	Not recorded
Redwhiskered Bulbul	No	9:03	Several	Not recorded
Redvented Bulbul	No	9:03	1	Not recorded
Largebilled Crow	No	9:03	1	Not recorded
Redwhiskered Bulbul	No	9:05	1	Not recorded
Coppersmith Barbet	No	9:05	1	Not recorded
Myna (species uncertain)	No	9:07	Several	Not recorded
The birds may also have been common mynas.				
Redvented Bulbul	No	9:07	1	Not recorded
Redwhiskered Bulbul	No	9:07	1	Not recorded
Largebilled Crow	No	9:07	1	Not recorded
Largebilled Crow	No	9:09	1	Not recorded
Redwhiskered Bulbul	No	9:11	Several	Not recorded
Largebilled Crow	No	9:15	Several	Not recorded
Redwhiskered Bulbul	No	9:15	Several	Not recorded
Crested Serpent Eagle	No	9:17	1	Not recorded
Redwhiskered Bulbul	No	9:17	1	Not recorded
Common Iora	No	9:21	2	Not recorded
Jungle Myna	No	9:21	Several	Not recorded
Redwhiskered Bulbul	No	9:23	1	Not recorded
Common Iora	No	9:23	1	Not recorded
Redvented Bulbul	No	9:25	1	Not recorded
Myna (species uncertain)	No	9:27	1	Not recorded
The bird may also have been a common myna.				
Largebilled Crow	No	9:27	1	Not recorded
Coppersmith Barbet	No	9:27	1	Not recorded
Largebilled Crow	No	9:29	1	Not recorded
Common Iora	No	9:29	1	Not recorded
Redwhiskered Bulbul	No	9:29	1	Not recorded
Oriental Magpie Robin	No	9:29	1	Not recorded
Greater Coucal	No	9:31	1	Not recorded
Oriental Magpie Robin	No	9:31	1	Not recorded
Coppersmith Barbet	No	9:31	1	Not recorded
Coppersmith Barbet	No	9:33	2	Not recorded
Ashy Wood Swallow	No	9:39	1	Not recorded
Redvented Bulbul	No	9:47	1	Not recorded
Myna (species uncertain)	No	9:47	1	Not recorded
The bird may also have been a common myna.				
Myna (species uncertain)	No	9:51	1	Not recorded
The bird may also have been a common myna.				

**Transect** 31      **Locality** Tapioca field adjacent to Vallarum**Date** Friday, May 14, 1999 **Weather** Hot, slightly windy, and thin cloud cover.**Start Time** 7:52 AM      **Transect Direction** 255**Stop Time** 9:52 AM      **Altitude** 990**Area Description**

This transect took place in a large tapioca field adjacent to and immediately north of Vallarum. The transect started a few hundred meters northeast of the village and roughly twenty meters from the edge of cultivation. Beyond the cultivation lay the road and beyond that was rice cultivation. Beyond the wide rice field, more tapioca was being cultivated.

**Vegetation and General Description**

The tapioca was roughly at waist height. A small rice field was present to the northwest of the tapioca field. The surrounding slopes were largely denuded and just bare rock with a thin shrub cover.

**Notes****FLYING BIRDS**

Species	Uncertain ID?	Time	Number	Height
Largebilled Crow	No	8:14	1	Lower then 30 meters
Largebilled Crow	No	8:24	1	Lower then 30 meters
Largebilled Crow	No	8:48	2	Lower then 30 meters
Largebilled Crow	No	8:52	1	Lower then 30 meters
Whitethroated Kingfisher	No	9:06	2	Lower then 30 meters
Largebilled Crow	No	9:18	2	Lower then 30 meters
Largebilled Crow	No	9:22	2	Lower then 30 meters
Largebilled Crow	No	9:40	2	Lower then 30 meters
Largebilled Crow	No	9:42	2	Lower then 30 meters
Largebilled Crow	No	9:44	3	Lower then 30 meters
Largebilled Crow	No	9:46	1	Lower then 30 meters
Largebilled Crow	No	9:50	1	Lower then 30 meters

**STATIONARY BIRDS**

Species	Uncertain ID?	Time	Number	Horizontal Distance	Vertical Distance
Redvented Bulbul	No	8:02	1	Between 10 and 19 meters	2
Scarlet Minivet	No	8:02	1	Between 20 and 49 meters	5
I sighted a male.					
Black Drongo	No	9:36	1	Between 20 and 49 meters	5
The drongo was sitting on a power line.					
Whitethroated Kingfisher	No	9:46	1	Between 20 and 49 meters	10
The kingfisher was sitting on a power line.					

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Coppersmith Barbet	No	7:52	1	Not recorded
Largebilled Crow	No	7:52	Several	Not recorded
Redwhiskered Bulbul	No	7:52	Several	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Scarlet Minivet	No	7:52	1	Not recorded
Redwhiskered Bulbul	No	7:54	Several	Not recorded
Largebilled Crow	No	7:56	Several	Not recorded
Coppersmith Barbet	No	7:56	1	Not recorded
Redwhiskered Bulbul	No	7:56	Several	Not recorded
Black Drongo	No	7:56	3	Not recorded
Largebilled Crow	No	7:58	Several	Not recorded
Coppersmith Barbet	No	7:58	1	Not recorded
Redwhiskered Bulbul	No	7:58	Several	Not recorded
Redwhiskered Bulbul	No	8:02	Several	Not recorded
Black Drongo	No	8:02	1	Not recorded
Jungle Owlet	No	8:02	1	Not recorded
Redwhiskered Bulbul	No	8:02	Several	Not recorded
Coppersmith Barbet	No	8:02	1	Not recorded
Whitecheeked Barbet	No	8:02	Several	Not recorded
Largebilled Crow	No	8:02	Several	Not recorded
Coppersmith Barbet	No	8:04	1	Not recorded
Largebilled Crow	No	8:04	Several	Not recorded
Redwhiskered Bulbul	No	8:04	Several	Not recorded
Jungle Owlet	No	8:04	1	Not recorded
Black Drongo	No	8:06	1	Not recorded
Largebilled Crow	No	8:06	Several	Not recorded
Coppersmith Barbet	No	8:06	2	Not recorded
Redwhiskered Bulbul	No	8:06	Several	Not recorded
Black Drongo	No	8:10	1	Not recorded
Redvented Bulbul	No	8:10	1	Not recorded
Redwhiskered Bulbul	No	8:10	Several	Not recorded
Scarlet Minivet	No	8:10	1	Not recorded
Coppersmith Barbet	No	8:10	2	Not recorded
Redvented Bulbul	No	8:12	1	Not recorded
Coppersmith Barbet	No	8:12	Several	Not recorded
Redwhiskered Bulbul	No	8:12	Several	Not recorded
Black Drongo	No	8:12	1	Not recorded
Scarlet Minivet	No	8:12	1	Not recorded
Coppersmith Barbet	No	8:14	Several	Not recorded
Redwhiskered Bulbul	No	8:14	Several	Not recorded
Whitethroated Kingfisher	No	8:14	1	Not recorded
Black Drongo	No	8:14	1	Not recorded
Jungle Owlet	No	8:14	1	Not recorded
Redvented Bulbul	No	8:16	1	Not recorded
Redwhiskered Bulbul	No	8:16	Several	Not recorded
Jungle Owlet	No	8:16	1	Not recorded
Coppersmith Barbet	No	8:16	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Redvented Bulbul	No	8:18	1	Not recorded
Coppersmith Barbet	No	8:18	1	Not recorded
Black Drongo	No	8:18	2	Not recorded
Largebilled Crow	No	8:18	1	Not recorded
Whitethroated Kingfisher	No	8:18	1	Not recorded
Jungle Owlet	No	8:18	1	Not recorded
Blackrumped Flameback	No	8:20	1	Not recorded
I heard the "non-buzzard woodpecker".				
Redwhiskered Bulbul	No	8:20	Several	Not recorded
Jungle Owlet	No	8:20	1	Not recorded
Largebilled Crow	No	8:20	Several	Not recorded
Coppersmith Barbet	No	8:20	1	Not recorded
Black Drongo	No	8:20	1	Not recorded
Jungle Owlet	No	8:22	1	Not recorded
Redwhiskered Bulbul	No	8:22	Several	Not recorded
Blackrumped Flameback	No	8:22	1	Not recorded
I heard the "non-buzzard woodpecker".				
Redwhiskered Bulbul	No	8:24	Several	Not recorded
Jungle Owlet	No	8:24	1	Not recorded
Coppersmith Barbet	No	8:24	Several	Not recorded
Black Drongo	No	8:24	1	Not recorded
Whitethroated Kingfisher	No	8:24	1	Not recorded
Whitethroated Kingfisher	No	8:26	1	Not recorded
Black Drongo	No	8:26	1	Not recorded
Coppersmith Barbet	No	8:26	1	Not recorded
Greater Coucal	No	8:26	1	Not recorded
Redwhiskered Bulbul	No	8:26	Several	Not recorded
Largebilled Crow	No	8:26	1	Not recorded
Redvented Bulbul	No	8:26	1	Not recorded
Coppersmith Barbet	No	8:28	Several	Not recorded
Coppersmith Barbet	No	8:28	Several	Not recorded
Redvented Bulbul	No	8:28	1	Not recorded
Jungle Owlet	No	8:28	1	Not recorded
Largebilled Crow	No	8:28	Several	Not recorded
Redwhiskered Bulbul	No	8:28	Several	Not recorded
Coppersmith Barbet	No	8:30	Several	Not recorded
Ashy Wood Swallow	No	8:30	2	Not recorded
Redwhiskered Bulbul	No	8:30	Several	Not recorded
Black Drongo	No	8:30	1	Not recorded
Redwhiskered Bulbul	No	8:32	Several	Not recorded
Coppersmith Barbet	No	8:32	1	Not recorded
Scarlet Minivet	No	8:32	1	Not recorded
Largebilled Crow	No	8:32	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Largebilled Crow	No	8:36	1	Not recorded
Coppersmith Barbet	No	8:36	1	Not recorded
Black Drongo	No	8:36	1	Not recorded
Whitethroated Kingfisher	No	8:36	1	Not recorded
Whitecheeked Barbet	No	8:36	1	Not recorded
Redvented Bulbul	No	8:36	1	Not recorded
Redwhiskered Bulbul	No	8:36	1	Not recorded
Blackrumped Flameback	No	8:38	1	Not recorded
I heard "the non-buzzard woodpecker".				
Largebilled Crow	No	8:38	Several	Not recorded
Whitethroated Kingfisher	No	8:38	1	Not recorded
Coppersmith Barbet	No	8:38	1	Not recorded
Jungle Owlet	No	8:38	1	Not recorded
Jungle Owlet	No	8:40	1	Not recorded
Redwhiskered Bulbul	No	8:40	Several	Not recorded
Coppersmith Barbet	No	8:40	Several	Not recorded
Jungle Owlet	No	8:42	1	Not recorded
Blackrumped Flameback	No	8:42	1	Not recorded
I heard "the non-buzzard woodpecker".				
Redwhiskered Bulbul	No	8:42	Several	Not recorded
Whitethroated Kingfisher	No	8:42	1	Not recorded
Whitecheeked Barbet	No	8:46	2	Not recorded
Redwhiskered Bulbul	No	8:46	Several	Not recorded
Blackrumped Flameback	No	8:46	1	Not recorded
I heard the "non-buzzard woodpecker".				
Whitethroated Kingfisher	No	8:46	1	Not recorded
Coppersmith Barbet	No	8:46	1	Not recorded
Coppersmith Barbet	No	8:48	1	Not recorded
Redwhiskered Bulbul	No	8:48	1	Not recorded
Black Drongo	No	8:48	1	Not recorded
Whitethroated Kingfisher	No	8:48	1	Not recorded
Largebilled Crow	No	8:48	1	Not recorded
Redwhiskered Bulbul	No	8:50	Several	Not recorded
Blackrumped Flameback	No	8:50	1	Not recorded
I heard the "non-buzzard woodpecker".				
Whitethroated Kingfisher	No	8:50	1	Not recorded
Largebilled Crow	No	8:50	1	Not recorded
Black Drongo	No	8:50	1	Not recorded
Jungle Myna	No	8:50	1	Not recorded
Redwhiskered Bulbul	No	8:52	Several	Not recorded
Whitethroated Kingfisher	No	8:52	1	Not recorded
Black Drongo	No	8:52	1	Not recorded
Coppersmith Barbet	No	8:52	1	Not recorded

**HEARD BIRDS**

Species	Uncertain ID?	Time	Number	Distance
Largebilled Crow	No	8:52	1	Not recorded
Black Drongo	No	8:56	1	Not recorded
Blackrumped Flameback	No	8:56	1	Not recorded
I heard "the non buzzard woodpecker".				
Redwhiskered Bulbul	No	8:56	1	Not recorded
Flowerpecker (species uncertain)	No	8:56	1	Not recorded
Largebilled Crow	No	8:56	1	Not recorded
Jungle Myna	No	8:56	1	Not recorded
Coppersmith Barbet	No	8:56	1	Not recorded
Crested Serpent Eagle	No	8:58	1	Not recorded
Coppersmith Barbet	No	8:58	2	Not recorded
Redwhiskered Bulbul	No	8:58	Several	Not recorded
Black Drongo	No	8:58	1	Not recorded
Jungle Owlet	No	8:58	1	Not recorded
Whitethroated Kingfisher	No	9:02	1	Not recorded
Black Drongo	No	9:02	1	Not recorded
Jungle Owlet	No	9:02	1	Not recorded
Whitebrowed Bulbul	No	9:02	1	Not recorded
Redwhiskered Bulbul	No	9:02	Several	Not recorded
Largebilled Crow	No	9:04	1	Not recorded
Largebilled Crow	No	9:04	1	Not recorded
Redwhiskered Bulbul	No	9:04	Several	Not recorded
Whitethroated Kingfisher	No	9:04	1	Not recorded
Blackrumped Flameback	No	9:04	1	Not recorded
I heard the "non-buzzard woodpecker".				
Redwhiskered Bulbul	No	9:06	Several	Not recorded
Blackrumped Flameback	No	9:06	1	Not recorded
I heard the "non-buzzard woodpecker".				
Black Drongo	No	9:06	1	Not recorded
Coppersmith Barbet	No	9:06	1	Not recorded
Largebilled Crow	No	9:08	Several	Not recorded
Redwhiskered Bulbul	No	9:08	Several	Not recorded
Redwattled Lapwing	No	9:08	1	Not recorded
Coppersmith Barbet	No	9:08	2	Not recorded
Flowerpecker (species uncertain)	No	9:08	1	Not recorded
Whitethroated Kingfisher	No	9:08	1	Not recorded
Jungle Myna	No	9:10	1	Not recorded
Whitethroated Kingfisher	No	9:10	1	Not recorded
Coppersmith Barbet	No	9:10	1	Not recorded
Flowerpecker (species uncertain)	No	9:12	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Redwhiskered Bulbul	No	9:12	Several	Not recorded
Coppersmith Barbet	No	9:12	1	Not recorded
Largebilled Crow	No	9:12	1	Not recorded
Whitebreasted Waterhen	No	9:12	2	Not recorded
Flowerpecker (species uncertain)	No	9:14	1	Not recorded
Largebilled Crow	No	9:16	Several	Not recorded
Redwhiskered Bulbul	No	9:16	Several	Not recorded
Jungle Myna	No	9:18	1	Not recorded
Largebilled Crow	No	9:18	1	Not recorded
Redvented Bulbul	No	9:18	1	Not recorded
Whitebreasted Waterhen	No	9:20	1	Not recorded
Whitethroated Kingfisher	No	9:20	1	Not recorded
Whitecheeked Barbet	No	9:20	Several	Not recorded
Coppersmith Barbet	No	9:20	2	Not recorded
Jungle Myna	No	9:20	1	Not recorded
Redwhiskered Bulbul	No	9:20	Several	Not recorded
Whitebreasted Waterhen	No	9:22	2	Not recorded
Blackrumped Flameback	No	9:22	1	Not recorded
I heard the "non-buzzard woodpecker".				
Redwhiskered Bulbul	No	9:22	Several	Not recorded
Coppersmith Barbet	No	9:22	1	Not recorded
Largebilled Crow	No	9:22	1	Not recorded
Redwhiskered Bulbul	No	9:24	Several	Not recorded
Jungle Owlet	No	9:24	2	Not recorded
Largebilled Crow	No	9:24	2	Not recorded
Coppersmith Barbet	No	9:24	2	Not recorded
Largebilled Crow	No	9:26	1	Not recorded
Black Drongo	No	9:26	1	Not recorded
Jungle Myna	No	9:30	1	Not recorded
Largebilled Crow	No	9:30	1	Not recorded
Coppersmith Barbet	No	9:30	1	Not recorded
Redwhiskered Bulbul	No	9:30	Several	Not recorded
Whitebreasted Waterhen	No	9:32	1	Not recorded
Black Drongo	No	9:32	1	Not recorded
Largebilled Crow	No	9:32	1	Not recorded
Jungle Myna	No	9:32	1	Not recorded
Redwhiskered Bulbul	No	9:32	1	Not recorded
Coppersmith Barbet	No	9:32	1	Not recorded
Common Iora	No	9:32	1	Not recorded
Redvented Bulbul	No	9:34	1	Not recorded
Redwhiskered Bulbul	No	9:34	1	Not recorded
Largebilled Crow	No	9:34	1	Not recorded

**HEARD BIRDS**

<b>Species</b>	<b>Uncertain ID?</b>	<b>Time</b>	<b>Number</b>	<b>Distance</b>
Coppersmith Barbet	No	9:34	1	Not recorded
Redwhiskered Bulbul	No	9:36	1	Not recorded
Largebilled Crow	No	9:36	1	Not recorded
Coppersmith Barbet	No	9:36	1	Not recorded
Largebilled Crow	No	9:38	3	Not recorded
Redwhiskered Bulbul	No	9:38	1	Not recorded
Redwhiskered Bulbul	No	9:40	1	Not recorded
Coppersmith Barbet	No	9:40	1	Not recorded
Oriental Magpie Robin	No	9:40	1	Not recorded
Redvented Bulbul	No	9:42	1	Not recorded
Largebilled Crow	No	9:42	3	Not recorded
Coppersmith Barbet	No	9:42	1	Not recorded
Black Drongo	No	9:44	1	Not recorded
Flowerpecker (species uncertain)	No	9:44	1	Not recorded
Coppersmith Barbet	No	9:44	1	Not recorded
Whitebreasted Waterhen	No	9:44	1	Not recorded
Jungle Myna	No	9:44	1	Not recorded
Jungle Myna	No	9:46	1	Not recorded
Coppersmith Barbet	No	9:48	1	Not recorded
Redwhiskered Bulbul	No	9:48	1	Not recorded
Largebilled Crow	No	9:48	2	Not recorded
Whitecheeked Barbet	No	9:48	Several	Not recorded
Shikra	No	9:48	1	Not recorded
Black Drongo	No	9:48	1	Not recorded
Coppersmith Barbet	No	9:50	2	Not recorded
Whitecheeked Barbet	No	9:50	Several	Not recorded
Redwhiskered Bulbul	No	9:50	1	Not recorded
Jungle Myna	No	9:52	1	Not recorded
Coppersmith Barbet	No	9:52	1	Not recorded
Largebilled Crow	No	9:52	2	Not recorded
Shikra	No	9:52	1	Not recorded
Redwhiskered Bulbul	No	9:52	1	Not recorded