

RJR

This Book belongs to

Russel Joseph Ranjit Daniels.

Lycee ville

Henry street.

Madagascar.

Russel Joseph Ranjit Daniels.

Private.

All things Bright and Beautiful  
All creatures great and small.  
All things wise and wonderful  
The Lord God made them all.

Each little Flower that opens  
Each little Bird that sings  
He made their glowing colors  
He made their tiny wings.

'So, God made Everything!'



Grams :  
METRO

Telephone : 3 3 1 8 3  
Resi. : 2 4 9 1 0

# Metro Agencies

BANERJI ROAD, ERNAKULAM,  
COCHIN - 682 018.

*Authorised Dealers for :*

**M/s. Advani-Oerlikon Ltd., Bombay.**

**M/s. Taparia Tools Ltd., Nasik.**

**M/s. Guest Keen Williams Ltd., Calcutta.**



*Stockists of :*

**All types of Welding Accessories**

## PERSONAL MEMORANDA

Name Ranjit Dhanies

Office Address \_\_\_\_\_

Residential Address \_\_\_\_\_

Telephone No. Res. \_\_\_\_\_ Offi. \_\_\_\_\_

Car No. \_\_\_\_\_ Reg. No. \_\_\_\_\_

Driving Licence No. \_\_\_\_\_ Renew \_\_\_\_\_

Radio Licence No. \_\_\_\_\_ Renew before 31st Jan.

T. V. Licence No. \_\_\_\_\_ Renew before 31st Jan.

Permanent Income-Tax A/c No. \_\_\_\_\_

Bank Account No. \_\_\_\_\_

Passport No. \_\_\_\_\_ Renew \_\_\_\_\_

Spectacle Lenses R. \_\_\_\_\_ L. \_\_\_\_\_

Blood Group \_\_\_\_\_

Wt. \_\_\_\_\_ Kgs. Ht. \_\_\_\_\_ Cms

### INSURANCE POLICIES

No. \_\_\_\_\_ Due Date \_\_\_\_\_

No. \_\_\_\_\_ Due Date \_\_\_\_\_

### BIRTHDAY/ANNIVERSARIES

June 5, 1959

August 15, 1977.

### Calendar 1978

	JANUARY	FEBRUARY	MARCH	APRIL
SUN	1 8 15 22 29	5 12 19 26	5 12 19 26	30 2 9 16 23
MON	2 9 16 23 30	6 13 20 27	6 13 20 27	3 10 17 24
TUE	3 10 17 24 31	7 14 21 28	7 14 21 28	4 11 18 25
WED	4 11 18 25	1 8 15 22	1 8 15 22 29	5 12 19 26
THU	5 12 19 26	2 9 16 23	2 9 16 23 30	6 13 20 27
FRI	6 13 20 27	3 10 17 24	3 10 17 24 31	7 14 21 28
SAT	7 14 21 28	4 11 18 25	4 11 18 25	1 8 15 22 29

	MAY	JUNE	JULY	AUGUST
SUN	7 14 21 28	4 11 18 25	30 2 9 16 23	6 13 20 27
MON	1 8 15 22 29	5 12 19 26	31 3 10 17 24	7 14 21 28
TUE	2 9 16 23 30	6 13 20 27	4 11 18 25	1 8 15 22 29
WED	3 10 17 24 31	7 14 21 28	5 12 19 26	2 9 16 23 30
THU	4 11 18 25	1 8 15 22 29	6 13 20 27	3 10 17 24 31
FRI	5 12 19 26	2 9 16 23 30	7 14 21 28	4 11 18 25
SAT	6 13 20 27	3 10 17 24	1 8 15 22 29	5 12 19 26

	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SUN	3 10 17 24	1 8 15 22 29	5 12 19 26	31 3 10 17 24
MON	4 11 18 25	2 9 16 23 30	6 13 20 27	4 11 18 25
TUE	5 12 19 26	3 10 17 24 31	7 14 21 28	5 12 19 26
WED	6 13 20 27	4 11 18 25	1 8 15 22 29	6 13 20 27
THU	7 14 21 28	5 12 19 26	2 9 16 23 30	7 14 21 28
FRI	1 8 15 22 29	6 13 20 27	3 10 17 24	1 8 15 22 29
SAT	2 9 16 23 30	7 14 21 28	4 11 18 25	2 9 16 23 30

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SUN	7 14 (21) 28	4 11 18 25	4 11 18 25	1 8 15 22 29
MON	1 8 15 22 29	5 12 19 26	5 12 19 26	2 9 16 23 30
TUE	2 9 16 23 30	6 13 20 27	6 13 20 27	3 10 17 24 31
WED	3 10 17 24 31	7 14 21 28	7 14 21 28	4 11 18 25
THU	4 11 18 25	1 8 15 22	1 8 15 22 29	5 12 19 26
FRI	5 12 19 26	2 9 16 23	2 9 16 23 30	6 13 20 27
SAT	6 13 20 27	3 10 17 24	3 10 17 24 31	7 14 21 28

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SAT	1 8 15 22 29	6 13 20 27	3 10 17 24	8 15 22 29

*X Book ends Mar 78*

*RPRD*

## IMPORTANT DATES - 1978

Makar Sankrant	...	13th January	Friday
Pongal	...	14th January	Saturday
Republic Day	...	26th January	Thursday
Basant Panchmi	...	12th February	Sunday
Id-E-Milad	...	21st February	Tuesday
Mahashivratri	...	7th March	Tuesday
Holi	...	24th March	Friday
Good Friday	...	24th March	Friday
Gudi Padva	...	8th April	Saturday
Besakhi	...	13th April	Thursday
Ram Navmi	...	16th April	Sunday
Mahavir Jayant	...	21st April	Friday
Maharashtra Day	...	1st May	Monday
Coconut Day	...	13th August	Sunday
Independence Day	...	15th August	Tuesday
Janmashtmi	...	25th August	Friday
Ramzan-Id (Id-ul-Fitr)	...	6th September	Wednesday
Ganesh Chaturthi	...	6th September	Wednesday
Onam	...	14th September	Thursday
Gandhi Jayanti	...	2nd October	Monday
Dassera	...	11th October	Wednesday
Diwali	...	31st October	Tuesday
.. (Amavasya)	...	1st November	Wednesday
Bakri-Id (Id-uz-Zuha)	...	12th November	Sunday
Guru Nanak Jayanti	...	14th November	Tuesday
Muharram	...	12th December	Tuesday
Christmas Day	...	25th December	Monday

## 8 POSTAL INFORMATION

### INLAND

<b>Letters</b>	First 15 grams	... ..	25 p.
	Every additional 15 grams	... ..	15 p.
	Inland Letters	... ..	20 p.
<b>Postcards</b>	Single	... ..	15 p.
<b>Book-Post</b>	First 50 grams	... ..	20 p.
<b>Parcels</b>	For every 500 grams	... ..	1.50 p.
<b>Registration Fee</b>		... ..	2.00 p.

### OVERSEAS—SEAMAIL

<b>Postcards</b>		... ..	1.10 p.
<b>Letters</b>	First 20 grams	... ..	1.50 p.
	Exceeding 20 gms upto 50 grams	... ..	2.65 p.
	"    50    "    "    100	... ..	3.55 p.
	"    100   "    "    250	... ..	7.05 p.
	"    250   "    "    500	... ..	13.55 p.

### OVERSEAS—AIRMAIL

<b>Letters</b>	First 10 grams	... ..	1.75 p.	
	Ceylon	... ..	1.75 p.	
	Afghanistan & Burma	... ..	1.75 p.	
	Hongkong, Iran, Iraq, Kuwait, Malayasia, Persian gulf, Saudi, Arabia & China	} ... ..	1.75 p.	
	Belgium, Cyprus, France, Germany, U.K., Switzerland, Egypt, Turkey. Algeria & Denmark	... ..	2.30 p.	
	Australia	... ..	2.30 p.	
	America	... ..	2.80 p.	
	<b>Postcards</b>	Ceylon	... ..	1.20 p.
		Afghanistan & Burma	... ..	1.20 p.
		Asia	... ..	} ... .. 1.40 p.
	Europe	... ..		
	America	... ..		
	Australia and other countries...	... ..		
<b>Aerogrammes</b>	Ceylon	... ..	1.60 p.	
	Afghanistan & Burma	... ..	1.40 p.	
	Asia	... ..	} ... .. 1.60 p.	
	Europe	... ..		
	America	... ..		
	Australia and Other countries	... ..		

## BRITISH MEASURES & METRIC EQUIVALENTS

<b>Lineal</b>	{	Inch	—	25.3	Millimetres
		Foot	—	0.3048	metre
		Yard	—	0.9144	metre
		Mile	—	1.6098	Kilometres
		Millimetre	—	0.0394	inch
		Centimetre	—	0.3907	inch
		Metre	—	39.3703	inches
				1093.63	yards
<b>Liquid</b>	{	Gill	—	1.42	decilitres
		Pint	—	1.57	litre
		Quart	—	0.136	litres
		Gallon	—	4.546	litres
		Bushel	—	36.37	litres
		Quarter	—	0.29	kilolitre
		Centiliter	—	0.07	gill
		Liter	—	1.761	pints
		Hectoliter	—	2.75	bushels
Kiloliter	—	3.44	quarters		
<b>Weight</b>	{	Grain	—	0.0648	gramme
		Ounce	—	28.350	grammes
		Pound	—	0.4536	Kilogramme
		Cwt.	—	50.8	Kilogrammes
		Ton	—	101.60	Kilogrammes
		Milligramme	—	0.015	grain
		Centigramme	—	0.154	grain
		Gramme	—	15.432	grain
		Kilogramme	—	2,2046	lbs.
		Quintal	—	1,968	cwt.
Tonne	—	0.984	ton		

## BRITISH WEIGHTS & MEASURES

<b>Lineal</b>	{	12 Inches	—	foot
		3 Feet	—	yard
		220 Yards	—	furlong
		8 Furlongs	—	mile
<b>Liquid</b>	{	5 Gills	—	pint
		2 Pints	—	quart
		4 Quarts	—	gallon
		8 Gallons	—	bushel
<b>Weight</b>	{	16 Drams	—	ounce
		16 Ounce	—	pound
		14 Pounds	—	stone
		8 Stones	—	cwt.
		20 Cwt.	—	ton

## Q. M. S. CENTRES

STATE	CAPITAL	PINCODE
Andhra Pradesh	Hyderabad	500 001
Arunachal	Ita-Nagar	791 111
Assam	Gauhati	781 001
Bihar	Patna	800 001
Gujrat	Ahmedabad	380 001
Himachal Pradesh	Simla	171 001
Jammu-Kashmir	Sri-Nagar	190 001
Kamrup	Dispur	781 001
Karnataka	Banglore	560 001
Kerala	Trivandrum	695 001
Madhya-Pradesh	Bhopal	462 001
Maharashtra	Bombay	400 001
Manipur	Imphal	795 001
Meghaloya	Shillong	793 001
Mizoram	Aizawal	796 001
Nag Bhumi	Kohima	797 001
Orissa	Bhubneshwar	751 001
Punjab-Haryana	Chandigarh	160 001
Rajasthan	Jaipur	302 001
Sikkim	Gangtok	737 101
Tamil-Nadu	Madras	600 001
Tripura	Agartala	799 001
Uttar-Pradesh	Lucknow	226 001
West-Bengal	Calcutta	700 001

## UNION TERRITORIES

Delhi	110 001
Div	362 520
Daman	396 210
Goa (Panaji)	403 001
Pondicherry	605 001

## CAPITALS OF COUNTRIES

Country	Capital	Country	Capital
Australia	... Canberra	Liberia	... Monrovia
Austria	... Vienna	Mexico	... Mexico City
Belgium	... Brussels	Netherlands	... Amsterdam
Bolivia	... La Paz	Seat of Govt.	... The Hague
Brazil	... Brasilia	New Zealand	... Wellington
Bulgaria	... Sofia	Nicaragua	... Managua
Canada	... Ottawa	Nigeria	... Lagos
Chile	... Santiago	N. Ireland	... Belfast
China	... Peking	Norway	... Oslo
Colombia	... Bogota	Pakistan	... Islamabad
Costa Rica	... San Jose	Paraguay	... Asuncion
Cuba	... Havana	Peru	... Lima
Czecho- slovakia	... Prague	Poland	... Warsaw
Denmark	... Copenhagen	Portugal	... Lisbon
Dominican- Republic	... Santa- Domingo	Rhodesia	... Salisbury
Ecuador	... Quito	Roumania	... Bucharest
Egypt	... Cairo	Salvador	... San Salvado
Eire	... Dublin	Saudi Arabia	... Riyadh
England	... London	Scotland	... Edinburgh
Finland	... Helsinki	South Africa	... Cape Town
France	... Paris	Seat of Govt	... Pretoria
Ghana	... Accra	Spain	... Madrid
Greece	... Athens	Sir Lanka	... Colombo
Hungary	... Budapest	Sweden	... Stockholm
India	... Delhi	Switzerland	... Berne
Indonesia	... Djakarta	Thailand	... Bangkok
Iran	... Tehran	Turkey	... Ankara
Iraq	... Baghdad	Uruguay	... Montevideo
Israel	... Jerusalem	U.S.A.	... Washington
Italy	... Rome	U.S.S.R.	... Moscow
Japan	... Tokyo	Venezuela	... Caracas
		Wales	... Cardiff
		W. Germany	... Bonn
		Yugoslavia	... Belgrade

## FOREIGN CURRENCIES

### The Monetary Units of some Foreign Countries

---

Argentina	...	...	Peso of 100 Centavos.
Australia	...	...	Dollar of 100 Cents.
Austria	...	...	Schilling of 100 Groschen.
Belgium	...	...	Franc of 100 Centimes.
Brazil	...	...	Cruzeiro of 100 Centavos
Canada	...	...	Dollar of 100 Cents.
Chile	...	...	Escudo of 100 Centesimos
Denmark	...	...	Krone of 100 Ore.
Egypt	...	...	Pound of 100 Piastres.
Finland	...	...	Markka of 100 Pennia
France	...	...	Franc of 100 Centimes.
Germany (West)	...	...	D. Mark of 100 Pfennig.
Greece	...	...	Drachma of 100 Lepta.
Hong Kong	...	...	Hong Kong Dollar of 100 Cents.
Hungary	...	...	Forint of 100 Filler.
India	...	...	Rupee of 100 Paise.
Israel	...	...	Pound of 100 Agorot.
Italy	...	...	Lira.
Japan	...	...	Yen.
Mexico	...	...	Peso of 100 Centavos.
Netherlands	...	...	Florin of 100 Cents.
New Zealand	...	...	New Zealand Dollar of 100 Cents.
Norway	...	...	Krone of 100 Ore.
Peru	...	...	Gold Sol of 100 Centavos.
Portugal	...	...	Escudo of 100 Centavos.
Spain	...	...	Peseta of 100 Centimos,
Sweden	...	...	Krona of 100 Ore.
Switzerland	...	...	Franc of 100 Centimes.
Turkey	...	...	Pound of 100 Kurus.
U. S. A.	...	...	Dollar of 100 Cents.
U. S. S. R.	...	...	Rouble of 100 Copecks.
Uruguay	...	...	Peso of 100 Centesimos.
Venezuela	...	...	Bolivar.
Yugoslavia	...	...	Dinar of 100 Paras.

## INCOME-TAX FOR INDIVIDUALS

Taxable Income Rs.	C. D. S.	For 77-78 Ass. Year Rs.	For 78-79 Ass. Year Rs.
10,000	—	330	Nil
10,550	—	383	385
11,000	—	495	518
12,000	—	660	690
12,500	—	743	776
13,000	—	825	862
14,000	—	990	1034
15,000	—	1,155	1,208
16,000	640	1,353	1,413
17,000	680	1,551	1,620
18,000	720	1,749	1,827
19,000	760	1,947	2,034
20,000	800	2,145	2,243
25,000	1000	3,520	3,680
30,000	1500	5,170	5,405
35,000	2000	7,370	7,705
40,000	2500	9,570	10,005
50,000	3500	13,970	14,605
60,000	4500	19,470	20,355
70,000	5500	24,970	26,105
80,000	6700	31,020	32,430
90,000	7900	37,070	38,755
1,00,000	9100	44,120	45,080
1,50,000	15100	76,120	79,580
2,00,000	21100	1,09,120	1,14,080
2,50,000	27100	1,42,120	1,48,580
3,00,000	33100	1,75,120	1,83,080
4,00,000	45100	2411,20	2,52,080
5,00,000	57100	3,07,120	3,21,080
10,00,000	1,17100	6,37,120	6,66,000

## GREETING TELEGRAMS

ONE	Heartiest Diwali Greetings.
TWO	Id Mubarak.
THREE	Heartiest Bijoya Greetings.
FOUR	A Happy New Year to you.
FIVE	Many Happy Returns of the Day.
SIX	Hearty Congratulations on the New Arrival.
SEVEN	Congratulations on the Distinction Conferred on you.
EIGHT	Best Wishes for a Long and Happy Married Life
NINE	A Merry Christmas to you.
TEN	Hearty Congratulations on Your Success in the Examination-
ELEVEN	Best Wishes for a Safe and Pleasant Journey.
TWELVE	Hearty Congratulations on Success in Election
THIRTEEN	Many Thanks for Your Good Wishes which I/We Reciprocate Most Heartily.
FOURTEEN	Congratulation.
FIFTEEN	Loving Greetings.
SIXTEEN	May Heaven's choicest Blessings be Showered on the Young Couple.
SEVENTEEN	Wish you Both a Happy and Prosperous Wedded Life.
EIGHTEEN	Kind Remembrances and all Good Wishes for the Independence Day.
NINETEEN	Sincere Greetings for the Republic Day. Long Live the Republic.
TWENTY	My Heartiest Holi Greetings to You.
TWENTY ONE	Wishing the Function Every Success.
TWENTY TWO	Many Thanks for Your Kind Message of Greetings.
TWENTY THREE	Best Wishes for Your Success in the Examination.
TWENTY FOUR	Best Wishes for Your Success in the Election.
TWENTY FIVE	Convey our blessings to the newly Married Couple.
TWENTY SIX	Heartiest Pongal Greetings
TWENTY SEVEN	Heartiest Gurparb Greetings.

Addresses:

1. Dr. R.R. Daniel, (TIFR)  
821-A, Bhaskara, Homi Bhabha road  
Colaba Bombay 400005
2. Mr. B.B. Daniel, Staff Qtrs.  
Christ Church School, Byculla  
Bombay.
3. S.R. Sauer, Mrs. L4/5 Sitaram Building  
Paltan road, Bombay. (opp Crawford market)
4. Haema Knight,  
16 Kajuleswara Nagar,  
Nerulankar, Madras 600041
5. Joshi, H. Ananti,  
Narayana Shastolkar Rd,  
Melabar Hill  
Bombay 400006
6. Mrs. Anna Grace Franklin  
c/o Mr. V.P. Franklin BE.  
Superintendent, Mysore paper mills  
1/335 Officer's quarters, paper town  
Bhadraanti Shimoga Dist.

4

JAN 1978

WEDNESDAY

7. Fattan Saldanha - CTS, ph 579380
8. Ramesh ~~enterprises~~ exports ph 73520/714  
27
- Ramesh Exports Pvt Ltd.  
45 Palace Rd  
Bangalore 560 001
9. Yatom, CPCRI, Kasargod 670124
10. Venkatesan, R. Villavallu, Melneari Rd  
via Vallam, Arni 604505
11. G.R. Saramath Babu,  
3A, Jadammin Koil mist lane  
South main st, Madu 625001  
AO, mobile & test lab  
Paravankudi, 623707
12. R. John Basu. Ms. Ag.  
26, Anna Nagar, Race course Rd  
Dindigul 624005
13. Johnie, Shalimar Est. (P.O.)  
(via) Punalur, Kerala 691305

1978 JAN

THURSDAY

5

380

1714  
27

14. Centre for Taxonomic Studies  
14/3, Rest house Road  
Bangalore 560001.

15. Methodist men's fellowship  
Richmond town Methodist Church  
4, Kingston Road, Richmond town  
Bangalore 560025

16. Teddy, Santhosa vidyalaya  
Sohnam fellowship  
Sohnam, Tiruvodi dist 627102

17. Mrs C. Vinutha  
c/o Mr. S. Suresh Kumar  
1733/20 II stage,  
6<sup>th</sup> main Rajajinagar  
Bangalore 560010.

18. P. Aarathi  
59, Kenil worth  
Peddar Road  
Bombay 400026.

6

JAN 1978

FRIDAY

19. Taka Toshi Aier, APPO  
Directorate of Agriculture  
Nagaland, Kohima 797001
20. T.S.4., Door no: 1  
Naidu St.,  
Kotturpuram Madras 600085
21. John S.J. Daniel  
Rajngiri Estate  
(via) Koodal  
Pathanamthitta dt  
Kerala 689693
22. Edward S. Meyale  
Cleveland Trustee (S) PTE. LTD  
7, Lok Yang Way  
Jurong Town,  
Singapore 2262
23. Jay Mundan  
Gr. Res. fellow (UNEP project)  
Dept of Bio Sciences  
Daurashtra Univ  
Rajkot - 360005

24. S. JAISANKAR,

Training associate  
Went visit of India,

PO box 507

Panthen rd, Egmore

Madras 600 008

25. Chullaka Ertita

Mupali post

S. Wymond St

Kerala 67 35 77

26. Saint Night Saint Night Post Ma.  
Post Orange Deep Sene Division  
Deep Sene ~~St~~ Division

Arakkal Est.

Arakkal est.

Vandiperiyam

Vandiperiyam

Idukki dist

Idukki dist

Kerala 685 532

Kerala 685 532

27. 30/2B, II main Road

Gandhi Nagar, Alagan

Madras

600 020

9

JAN 1978

MONDAY

YADRUTAS

7

28. GM SAMUEL KNIGHT,  
M8/5 AISHWARYA COLONY  
INDRA NAGAR EXTN,  
ADYAR, MADRAS  
600 020

1978 JAN

YATUESDAY

10

23.12.78

BirdsBharani Sagar (Dam, shrub  
jungle)

yellow wattles lapwing

Red vented bulbul

Grey backed shrike

(River tern, southern blackbird, a  
shrike, and a few brown birds  
like babbler<sup>(\*)</sup>. All these I'm not sure  
of).

## Drongo.

Blue tailed bee eaters

(\*) Probably Rufous babbler

20

JAN 1978

FRIDAY

And God said, Let the waters bring  
forth abundantly the moving creature  
that hath life, and the fowl that  
may fly above the earth in the  
open firmament of heaven.  
(Gen. 1:20)

10.10.78

went to Vazhairyam, a dam in Kerala. Quite a good jungle with teak, Mahogany + Bamboo. Elephants quite common as what we heard.

Identified some beautiful birds and fishes.

Birds:

Racquet tailed Drongo (quite common)  
Jerdon's Chloropsis.

Tree pie.

Grey Tit.

Green Barbets

~~Brown~~ ~~stroke~~ ~~stroke~~ (~~sp~~ ~~not~~ ~~exactly~~ ~~known~~)

Golden backed woodpecker.

Forest wagtail.

Grey wagtail

Black headed Oriole (quite common)

Quail

Blossom headed parakeet. (common)

Grey jungle fowl - 2 hens

White bellied Drongo (white underparts)

Green Bee-eater.

~~Spotted~~ ~~fantail~~ ~~fly~~ ~~catcher~~.

23

JAN 1978

MONDAY

spotted  
Turtle Doves.Fishes:Barilius sp. - Quite common  
in swift, shallow waterDanio malabaricus.

And some other common fishes.

Orange Chromide - common.Brought to my room a catch of  
a <sup>Tilapia</sup> ~~Orange Chromide~~, 3 Danios,  
3 small Barilius and a good  
sized Barilius, and 3 others.29.3.79Vazhayaar.Forest mercilessly cleared. Real summer,  
<sup>trees</sup> leaves, with their foliage and streams all  
dried up. A few fissures rock cavities  
contained water, with one of them having  
a good number of Danio malabaricus,  
a few Barilius and some twenty  
Ophiscephalus (vandal) in its 2'x1'x10"  
(roughly) capacity. Red headed rock  
lizards weren't uncommon. While walking  
down the <sup>dried</sup> stream bed around 4 in the

1978 JAN

TUESDAY

24

evening, Came across a malabar  
 giant squirrel feeding on the ground, at a  
 close range, with a group of monkeys  
 (Bonnell) Further down the stream bed, another  
 stream cuts in. This stream had water  
 and lot of fish in it and with  
Bairdians sp. to top the list by number.  
 This spot sheltered a lot of beautiful  
 and rare birds. ~~Among the birds I spotted~~  
 Some of the birds I identified  
 in Vazhayan this time.

The Iora (a pair)

maggie Robin

Red Wagtail

Indian Pita

green bee eater (common)

~~Chestnut~~ ~~Orange-headed bee eater~~

Sparrow hawk

[Makkeon

~~Red-tailed~~ ~~large~~ ~~bird~~, + ~~white~~ ~~Bonnet~~  
~~Birds~~] ~~not seen~~.

White breasted Kingfisher.

Common Kingfisher

Tantail snipe.

4 small <sup>green</sup> bee eater minus the <sup>green</sup> ~~white~~ feathers (continued  
 in the tail - Chestnut headed on next sheet)

25

JAN 1978

WEDNESDAY

Kotagiri (Nilgiris)

11. 11. 78

Purple sunbird

Pied Bush chat (common)

Red-whiskered Bulbul

Grey ~~bill~~ Mynah (Jungle mynah)

Grey backed Shrike

of a blue bird flew over us & sat  
on a branch quite far off from us  
so couldn't identify. Underparts pale.]  
Spotted Fantail fly catcher.

For the 1st time I've seen a common  
langur (grey colored).

Malabar Red squirrel (Large)

Cosmops (22. 2. 79)

Scarlet minivet.

Grey tit

Malabar whistling thrush

[saw a beautiful blue + orange bird  
with black on the wings, resting  
on a post] - Fitch's blue flycatcher?

o could be a female of the fairy blue  
bird or a blue Rock thrush.

1978 JAN

THURSDAY

26

Vazhayan.

(conts) Purple sunbird  
White throated ground Thrush  
Red vented Bulbul  
Yellow throated sparrow (♀)  
Lapwing (yellow wattles)  
~~Spider hunter.~~  
~~White breasted bulbul~~

[saw two well grown grey jungle fowl  
hens + a well grown chick about half  
their size.]

Brown shrike.

Grey headed yellow wagtail.

[saw a small grey bird with  
long curved beak <sup>size</sup> about that of a  
purple sunbird and also a  
large + koel like black bird with  
white patches at the tip of tail  
feathers and a white eye ring]

(° can be a spider hunter. + x not sure)

10.11.79

Grey heron.

x small green billed  
Malkoha?

27

JAN 1978

FRIDAY

Birds. (Campus - CBE)

~~Snipes.~~

\* White Breasted water-hen.

The Brahminy kite.

The spotted munia.

woodcock

~~Brown <sup>fantail</sup> shrike~~ Spotted flycatcher

° Bay backed shrike

° ~~legundi~~ flycatcher

Paddy field warbler.

The Red munia

Pipit

~~Blue-tailed bee-eater.~~

Black headed cuckoo shrike.

Blue Rock pigeon

The Barn Owl

Chestnut headed bee-eater.

(A small bee-eater. Brown head ~~munia~~ <sup>lark</sup> ~~shrike~~)

~~Chestnut-headed bee-eater.~~

~~Red Crested Cuckoo.~~

Paradise flycatcher - ♀

Chestnut bittern

(In Aninashin, North east to Coimbatore saw one sp. of jungle babbler. noisy

\* saw a chick - Dec 2. '76

seen in good nos in PMS

° not certain.

28

SATURDAY

1978 JAN

SUNDAY

29

Flocks of uniform dark coloured ~~large~~  
 babblers & slightly longer tails than  
 the jungle babblers (common), spread out  
 + hung loose while flying. Flying  
 low in open shrub areas. Noise  
 like that of the tree finch but shriller.)

her ))?

~~Rufous babblers??~~

Crake grey barked → ? large grey babbler

Rufous bellied shrike

Grey barked shrike

Purple sunbird (aerodrome)

Red Crested Cuckoo (PBS)

Yellow wattled lapwings (aerodrome)

Nightjar - (mamba ovalis)

Black winged kite

her)

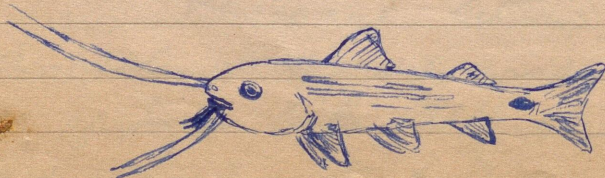
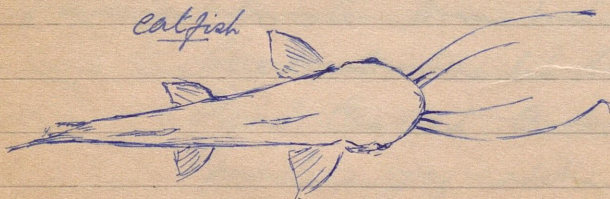
w

1

Fishes. (Coimbatore)

22. 9. 78

A catch in one W. land irrigation channel (Chitrasaradi-hill stream) contains a Danio malabaricus, a 'Ketti' - Indian grass carp, a few Tictactol<sup>Barbs</sup> (Barbus titoe), a Rasbora daniconius, a catfish and a few ordinary barbs.



1978 JAN

YA TUESDAY

31

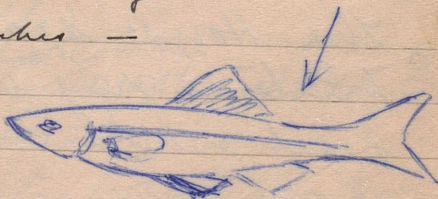
(a dorio-like fish, slender with two long barbels from the lower jaw. A line running from behind the eye to the tail and slightly yellowish under parts.) — Flying dorio-like bmt.



Madurai

24.1.82

a catch of 8 Rasboras, one barb + 4 loaches —



1

FEB 1978

WEDNESDAY

5

[Grey headed yellow wagtails can be seen with the grey wagtail in quite good numbers. Quite difficult to identify & distinguish except for the bright yellow underparts]

Birds around My Campus  
Coimbatore.

Common Crow.

Jungle crow

Common mynah

Jungle mynah (grey)

The Rose-ringed parrot.

Roller or Blue jay.

The little or Spotted owl

(Athene brahma)

The Pariah kite

The Common bee-eater. - Green

The House sparrow

Eastern grey wagtail

Pied wagtail. - motacilla maderas-  
patensis

Koel

Common Babbler

The tailor bird.

Purple-rumped sunbird.

White throated munia

sparrow-hawk or shikra.

~~Turtle doves or spotted doves~~

The Crimson <sup>Breasted</sup> ~~breasted~~ <sup>Breasted</sup> ~~breasted~~ Barber  
or Copper smith

o grey headed yellow wagtail (Ceylon)  
resembles this.

1978 FEB  
THURSDAY

2

The Indian Robin.

The Hoopoe

o The red vented bulbul

The Ashy Wren warbler

(Plover). ~~Spotted-winged Plover.~~

The Night heron,

The Egret

( Finch lark ) ✓

The Strongs or King Crow.

The Pied Bush-chat.

The Nun-bird or black headed nunia.

(seen in good numbered flocks in our paddy fields)

The ~~Red~~ <sup>Common</sup> Swallow (Red-Rumped)

(Shrikes)

The white wagtail. - Motacilla alba dukhunensis

The sky lark.

Indian Robin Pond Heron.

Plovers (another bird similar to these with a darker plumage dorsally and white under parts, a longer bill and bigger in size always seen in these. They don't have the white bands on their wings.) - snipe.

[o In Marudamalai] one pair in my Camps.

3

FEB 1978

FRIDAY

45

Birds around my home town  
(Nagercoil - Kanyakumari)  
The common house crow  
[Corvus splendens]

The Indian jungle crow.

The common tree pie

[Dendrocitta vagabunda]

White scavenger vulture or  
Pharaoh's chicken.

The Pariah kite

Brahminy kite

Pale Harrier.

Sparrow Hawk or shikra

Barn Owl

Spotted owl [Atheene brahma]

The Red vented bulbul

\* The Red whiskered bulbul

\* The Ruby-throated bulbul

The paradise flycatcher.

The drongo or king crow

\* The Ragged-tailed drongo

The Indian roller or blue jay.

The Pied king fisher.

The white breasted kingfisher.

[x Hills]

- The Common Kingfisher  
 The purple Sunbird  
 The purple rumped Sunbird  
 The spider hunter  
 Tickell's flower pecker.  
 Golden Oriole  
 \* Black headed Oriole  
 The Iora  
 Indian Pitta  
 \* The Malabar Whistling Thrush  
 The common bee eater - green.  
 The koel  
 The <sup>Red</sup> Crested Cuckoo  
 The Hawk Cuckoo  
 The Hoopoe  
 The (Common) babbler (In our compounds)  
 \* The jungle babbler  
 \* The great Indian Hornbill (Red)  
 \* The Red flycatcher shrike  
 The spotted fantail flycatcher.  
 ○ The crimson <sup>breasted</sup> throated barbet  
 or Copper smith  
 \* The Malabar green barbet

[x Hills] ○ Xantholaema haemacephala  
indica

6

FEB 1978  
MONDAY

YAGRUTAS

4

3

- The Common mynah  
 The jungle mynah (grey)  
 \* The Hill mynah or crackle.  
 The Brahminy mynah  
 The grey headed mynah  
 The Crow-pheasant or Coucal  
 The Golden backed woodpecker  
 \* The orange minivet  
 \* The scarlet minivet.  
 \* The chestnut bellied Nuthatch.  
 The tailor bird  
 \* The Louquet  
 The Common house sparrow  
 The skylark  
 The eastern grey wagtail  
 The pied wagtail  
 The Magpie Robin or Dhijal  
 The Indian Robin.  
 The Night heron  
 The Paddy bird or Pond Heron  
 The Egret (black beak)  
 The little Egret (yellow beak)  
 The Cattle Egret.  
 The Cormorant

[\* Hills]

1978 FEB

TUESDAY

7

The pheasant tailed Jacana

The Bronze winged Jacana.

The Adipitanti stork

The white stork

The little dabchick

The white breasted waterhen

The moorhen

The purple moorhen.

\* The green pigeon

The blue rock pigeon

The <sup>(o)</sup> Turtle dove (Spotted)

\* The Grey jungle fowl

[*Gallus sonneratii*]

\* Black headed munia or sun bird

\* ~~Black~~ <sup>Southern</sup> tree pie

\* Blossom headed Parakeet

Rose ringed Parrot

\* The fairy blue bird

The Black headed Cuckoo shrike.

note: <sup>o</sup> saw a 'Black' Heron-like bird  
near the stream in Keeriparai in  
March '78. (maybe a down phase Golden Reef Heron)  
and another grey-shreaked Heron-  
like bird some what near that spot.

[\* Hills] <sup>o</sup> Black bottom Reef Heron

8

FEB 1978  
WEDNESDAY

2

[In Moondradaiyppu - Tin. dist  
~~at~~ ~~SANKUNNY~~ - c Cormorants  
 Pelicans,  
 Painted storks,  
 white storks.]  
 Black Ibis.  
 white Ibis.

1978 Birds at home  
 2 yellow wattled Lapwings  
 (Kanyakumari)

[brought two well-grown chicks  
 home]

grew well & flew away within a month.

3.8.78 Grey Partridge [2 chicks at home]  
 ♂ brought from Tinneveli (gone)

'75 Tanzanian Love bird one ♀  
 (at home)

Two white throated Munias.

→ (killed by rats 14.1.79) (at home)

'76 A greyackle

'78 A Bulbul. (gone with)

two green Pigeons (gone)

A squirrel (has got babies).

Two spotted doves & a Babbler.  
Dec. 78

1978 FEB

THURSDAY

9

The Eastern Grey Wagtail

- Actinitta cinerea metanope

Grey headed yellow wagtail (Ceylon)

- M. flava thunbergi

The Red wings Crested Cuckoo

o The <sup>Red</sup> ~~Red~~ <sup>Wings</sup> backed shrike

Common swallows

snipes

little stint? Turnstone? (mutton)

Little Ringed Plover (")

o [a grey large heron (about that of a large Egret) uniformly grey with paler - whitish underparts and yellowish legs + bill]

There were a lot of large gulls, <sup>resting</sup> on the banks of the salt beds somewhere in Tamaraikulam (behind Manakudi a beach). They were like black headed gulls in winter plumage, without the black head.

o In Myladi. o Reef ~~to~~

10

FEB 1978

FRIDAY

13.7.79

(Watu Falls)

Olakai Arusi  
(Pulau Achambou)

Chestnut Bittern

Longnet

Malabar whistling thrush

Tichelli flower pecker

Purple rumped sunbird

Red vented bulbul

Golden oriole

Small minivet

(brought 2 <sup>or</sup> draws from there)

Grey tit (Keeriparai)

Greenbeak - <sup>Blue</sup> ~~Green~~ throated barbet.  
(got only a cooked head)

11

SATURDAY

1978 FEB

SUNDAY

12

28.2.79

Black winged kite

(bet Madurai &amp; Trichy)

Common ~~Red~~ Terns - (near Trichy)1.3.79Aduthurai (Tanjore Dist)

White scavenger vulture

Red wattleed Lapwings.

Indian Robin.

Black-winged Kite

Brahminy mynah.

Purple sun bird.

White-backed Munia.

Common Bee eater

White Breasted Kingfisher

Common Mynah

Hawk Cuckoo

Sparrow Hawk.

Red vented bulbul

Striped Sand piper.

Brahminy kite

Drongo

Common kingfisher.

13

FEB 1978

MONDAY

SATURDAY

11

1.3.79

Adulthurai to Tanjore (from train)

Brahminy mynah

Pied Crested Cuckoo

Hoopoe

Hawk Cuckoo

White Breasted Kingfisher

weaver birds (nest)

Common mynah

Indian Roller or Blue Jay

Babbler

Rose Ringed parrot

o (a grey bird)

Drongo

Magpie Robin

Common Bee eater

Red vented Bulbul

Spotted Thrush Dove

Shikra

Pariak kite

Pond Heron

Spotted owl

o Ashy swallow shrike.

28.6.79

(Tinnevely dist)

Anandapuram (dry, grass +  
 Acacia covered open country with  
 a lot of Palmyrah trees)

Common weaver bird

White throated sunnia

Grey partridge

yellow throated sparrow

spotted dove

Brown wing dove

Indian Robin

Black winged kite

Pharaoh's Chicken

Common mynah

Wood shrike

(Reptiles: a lot of sitans + the  
 common garden lizards)

Blue rock pigeon

Spotted owl

15

FEB 1978

WEDNESDAY

(Madras Bombay)

~~Madras~~ Maharashtra (2.12.79)

~~Red vented Bulbul~~ (Red vented)

common bee-eater

Drongo

Bay backed shrike

Blue Jay

common mynah

Brown dove

~~White breasted Kingfisher~~

White Squirrel

Brahminy mynah

Rose Ringed Parrot

Grey shrike Grey backed shrike

spotted dove

Eastern Grey Shrike

Red wattleed Lapwing

Rufous bellied shrike

Sparrow

Blue Rock Pigeon

(Reddish brown Sparrow like birds)

Hoopoe

~~Blackbird~~

Pied bust chat

1978 FEB

THURSDAY

16

Indian Robin

Pariah kite

sea gulls - Bombay beach

Bombay - Delhi 5-12-79.

Black-winged kite

Crow pheasant

Indian Robin

Red vented Bulbul

Blue jay

Ring dove & other doves

Bay backed shrike "

Babbler

Pied Bush Chat

Peafowl

Tree pie

Drongo

Common mynah

Brahmany mynah

Wren bird

Egret

pie wagtail

Pariah kite

Hoopoe

Pied Kingfisher

17

FEB 1978

FRIDAY HT

(Crossed River

(Low lying jungle) (Narmada.)

(Bhopal) White Breasted Kingfisher  
 Pied mynah \* (Habib ganj station)  
 little brown dove.

Eagles - (x)

~~Bengal~~ Vultures

Red wattleed Lapwings

Common Moorhen

Blossom headed parakeet

(Bung yard) (x)

Common bee eater.

Grey shrike

(Bubblers like bird) (x)

Delhi

6.12.79

Red whiskered Bulbul

Red vented Bulbul

Common Mynah

\* Bank mynah

Wood shrike

Grey backed Lapwing - bellied shrike.

Rose ringed parrot + Alexand  
Large parakeet

Ceylon amoth.

Pharaoh's chicken.

Pigeon (x)

\* 1st time (x) could not identify

Grey langur.

7.12.79 Ludhiana (Punjab)

Bank mynahs.

Selli-Agra

Bank mynah  
Red Orange



Scarange justice  
Long billed  
~~White-headed vulture.~~

Panna kite  
White breasted water hen  
Red ruffled Lapwing  
shrikes

Red mynah  
Ring dove  
Pea fowl.

② Another small active bird about that of a sparrow - grey above - white line above eye - orange brown underparts & white side feathers wagging tail like wagtails.

another dark brown sparrowlike bird - somewhat like female Indian Robin - larger.

③ see Feb 24



Red brown. Brahminy mynah

20

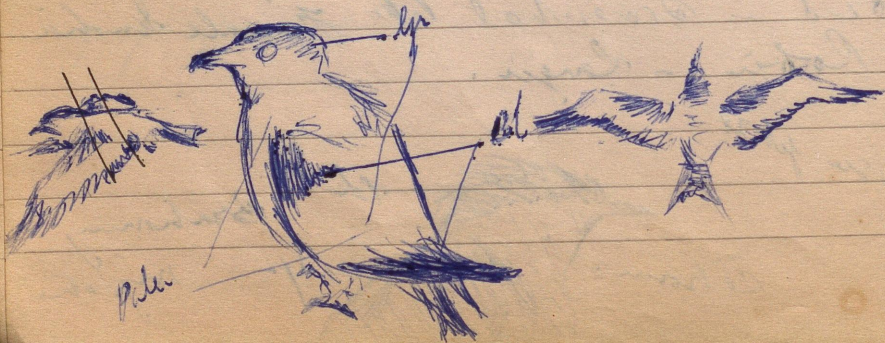
FEB 1978

MONDAY

SATURDAY

18

11. Bengal (Kalyani Agri Univ)  
 (12.12.79 - 18.12.79) Spicy Langur roadside  
 Black wings like  
 Redvented bulbul  
 Common mynah  
 Pied mynah.  
 Speck.



side

Shrike - about 1/2 g a long



Bl head shrike

(8)

young langur



Ré wattle Lapwing



white wing tail  
 jungle wattle  
 " BATTLE

Myzomela

Sparlike

(Black)

Yellow  
white

Reddish  
beak



Syrrhaptes

Jungle mynah

(grey)

dark eyes



Common mynah

(Brown)

Rich

Yellow  
Bill, legs

2 wavy  
the eye



Acridotheres tristis

1978 FEB

THURSDAY

23

Red. orant legs  
bill & area around  
the eye  
bright bl.

Pied mynah (Bl & white)

Reddish tilloarea

S. contra

Bank mynah

grey. Hair  
rust



A. gingivosa

white parts  
- dirty white

Stunus pagodarum

Brahminy mynah

Black crest  
Reddish  
under  
parts  
grey  
tail.



Rangit of Navid  
13. 12. 79

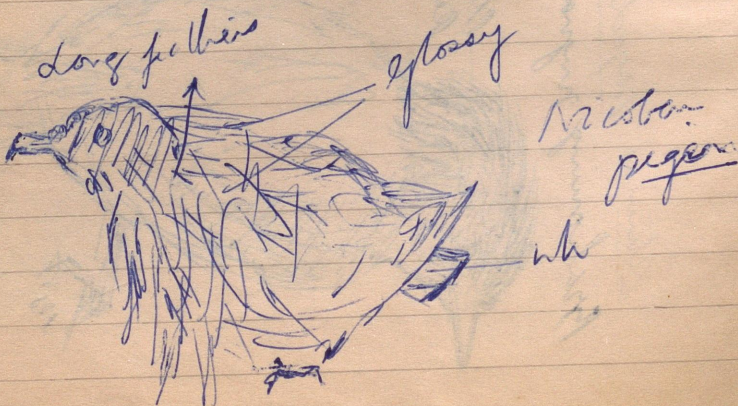
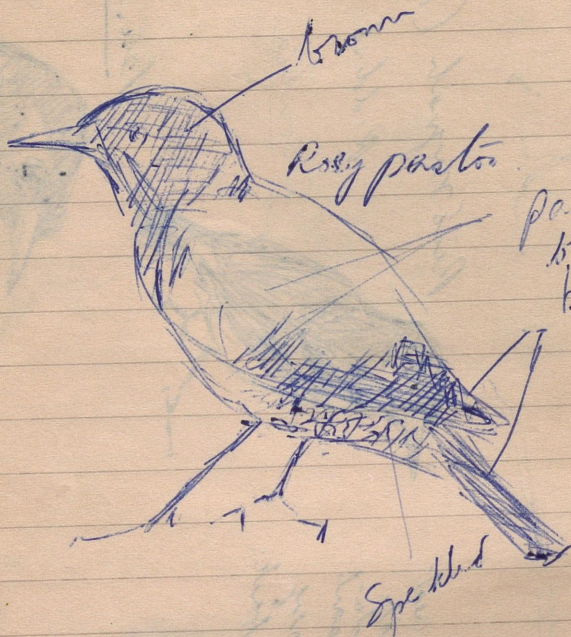
24

FEB 1978

FRIDAY

(Calcutta)

white-banded vulture.



25

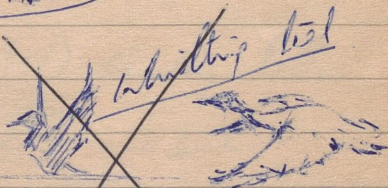
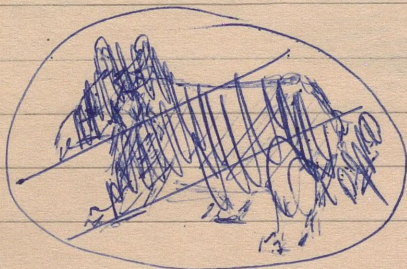
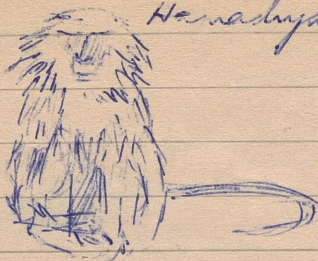
SATURDAY

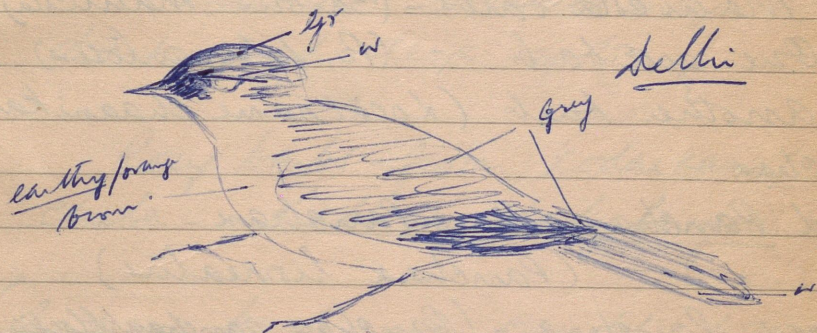
1978 FEB

SUNDAY

26

*Henrichus baboon.*





(like bush chad) Bombay bellii



132

MAR 1978

WEDNESDAY

FISHESBarbs

\* Ember barbs

\* Mahicota barbs - (*Barbus mahicota*)\* One-spot barb - (*B. filamentosus*)

another barb (local name 'chaanikaiti')

Panchax

Red Panchax or Teju Panchax

(*Panchax linnatus*)Green Panchax - (*Panchax panchax/blackii*)

\* Danio - Spaint Danio

(*Danio malabaricus*)Rasbora daniconius

Loach - one sp. in hill streams tanks

one sp. in mountain streams

Lyambusia - mosquito fish

\* Barilius - one sp. seen.*B. bakerii*

Orange Chromide ('Challai' local name)

\* Tictac-toe Barb - (*Barbus tictoe*)

Cat fish

[x mountain streams]

note: Spant Danios Collected at Kodiyar had more stripes - more green-tinged.

Barilius observed only in dark and deep spots.

Rosy barb - from Kodaikanal chela - Labuca dadyburjoi

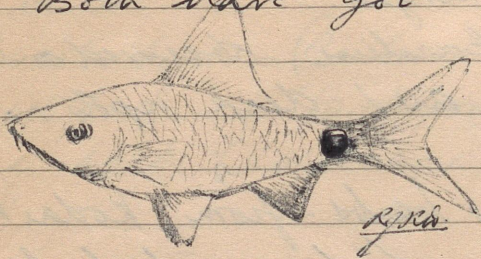
(A new barb we caught way down Olakanwuni, before Azhakiapandipinam in a small channel with muddy slow moving water, he got a few good sized Red Panchamas out there. On this small barbs (2), we happened to get by chance, have got a silver green body with bright red well developed fins. The dorsal fin is quite prominent & erect. Right before tail, at end of trunk, there is a bold black spot on both sides and an golden spot above these which glow when fish moves about. One of them has

3

MAR 1978

FRIDAY

a bl. spot below the dorsal fin.  
we just think it could be 1 male of  
1 species. Both have got barbels.)



Local Paradise fish (manspodus sp.)  
(Cupanrus)

Manus fish

Seela: Cybinus

Vaada: Trichinurus

Paarai: Caranx

Boohi: Equula

Vaaval: Stromateus

Valparai

Red whiskered Bulbul

Pied Bushchat

Magpie Robin

Scimitar Babbler — just time

Concal

Shrikes, warblers &amp; others.

Crested Serpent Eagle?

Anquet

Kuriparai (Nagercoil)

Forest Eagle owl

Brown headed Stock-billed Kingfisher

Grey-headed ~~Styris~~ Myiophobus

Chestnut headed Bee eater

Black eagle (near Balamore)

White Barked Munia.

(from Mamboli towards Nagercoil)

Black-winged Kite

Ashy Swallow Shrike

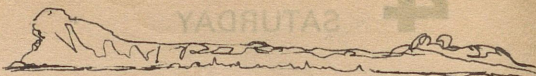
Purple heron (?)

~~Orange~~<sup>Blue</sup> ~~Blue~~ throated bulbul. (Glenbeck)noisy flocks along river bed  
among bamboo — evening

6

MAR 1978

MONDAY

joined - 22. <sup>Oct</sup> sept 1980.

Madurai Agricultural College  
(Birds in this Campus)

This campus lies more than 10 km away from Madurai city on the way to Melur, a nearby town of this district. The most striking feature of this campus <sup>is one of</sup> its ~~southern~~ <sup>northern</sup> ~~western~~ boundary, the 'Anainalai' rock. This rock runs <sup>north</sup> east-west ~~thru~~ over the entire length of the campus & even out of the limits in both directions.

The campus is covered with shrubs, mostly *Acacia*, with a few small ponds in the outskirts. Paddy fields form the ~~southern~~ boundary. The entire campus has been planted with leguminous trees like *Albizia*, *Tamarind*, Rain tree (*Samanea saman*), & *Pithecolobium*, chiefly, & <sup>also</sup> a few neem & Banyan trees.

Though dry, it shelters quite a number of birds. The most spectacular are the peafowls. The glamorous males with their long trains & their un-interrupted  
° campus & neighbourhood.

1978 MAR

TUESDAY

7

'maons', renoune are Lords  
 prove, their, Lordship of this  
 domain. Splendid males - atop the Anai  
 malai rock, silhouetting against the clear sky  
 & calling out to their plain females is an  
 every day <sup>scene</sup> sight. Flocks of 6 to 10, consisting  
 of Full grown Cods (with full train), hens  
 and young males (minus train) & females  
 can be seen feeding <sup>on</sup> the roadside.  
 Untouched by human hands.

There are many other birds in  
 this campus some of which are listed below.

- ① 1 Black Drongo,
- ② 1 Indian Roller
- ③ 1 Purple Sunbird,
- ④ 1 Common Mynah,
- ⑤ 1 Shikra,
- ⑥ 1 Black-winged kite
- ⑦ 1 Brahminy kite
- ⑧ 1 Pariah kite
- ⑨ 1 Finch lark
- ⑩ {Pipit} (Sp?)
- ⑪ 1 Spotted Munia (with nest)
- ⑫ 1 House sparrow
- ⑬ 1 Tree pie
- ⑭ 1 Crows

8

MAR 1978

WEDNESDAY

- (15) / Koel,  
 (16) / Jungle Babbler,  
 (17) / Black headed Munia  
 (18) / Pied Crested Cuckoo  
 (19) / Ashy Swallow Shrike  
 (20) / White breasted Kingfisher  
 (21) / Hoopoe.  
 Jan '82  
 non-birdy  
 plunks. (22) / Pheasant-tailed Jacana (?) outside  
 (23) / Red vented Bulbul  
 (24) / White throated Munia  
 (25) / Pond heron  
 (26) / Cattle Egret.  
 (27) / Egret (smaller)  
 (28) / White Breasted Water Hen.  
 (29) / Brown dove.  
 (30) / Paradise fly catcher (R) ♀  
 (31) / Common Kingfisher  
 (32) / Yellow throated sparrow?   
 (33) / Common bee-eater  
 (34) / Brahminy Quail  
 (35) / Crimson breasted Barbet.  
 (36) / Golden Oriole (1 pair)  
 (37) / Spotted dove.  
 (38) / Grey Wagtail  
 (39) / White Wagtail.

Reptiles.

## snakes:

The Indian Cobra

The King Cobra / Hamadryad

The common Rat snake

Russell's viper

Pit viper

Water snake

The wolf snake

◦ Tree snake (~~Ahaetulla sp.~~)

Green whip snake

(~~Dryophis naja~~)

Indian Python

(Python molurus)

Common sand Boa (Eryx sp)

Hard tailed sand Boa. (Uropeltis)

(Uropeltidae)

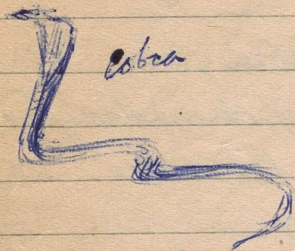
◦ Bronze-backed tree snake.

Striped keel back - grass snake.

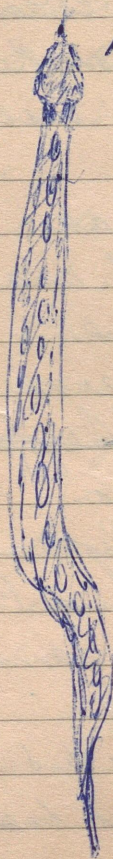
10

MAR 1978

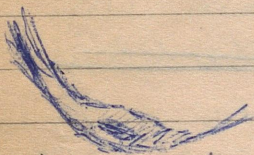
FRIDAY



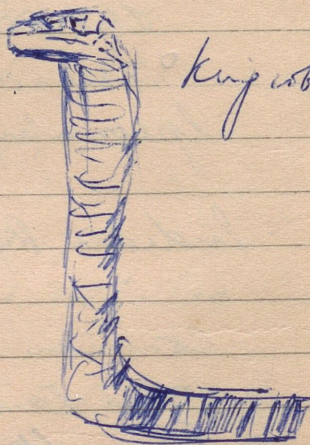
Cobra



Russell's viper



Vine snake



King cobra

Lizards

Draco - flying lizard  
 Sitana

+ Green lizard (quite common)  
 [Crotas (crisatellus) pitatus in green areas]

° The red-headed rock lizard<sup>+</sup>

° The kangaroo lizard  
Peninsular rock Agama.

The blood-sucker - [C. versicolor]

The monitor lizard - (Varanus)  
 Chameleon.

note: In 1977 a small lizard (slender),  
 colored somewhat like the versicolor,  
 young one, with red head and red  
 stripes running down in between the  
 fore limbs and along the dorsal side  
 of the neck, was caught at Keeriparai.

\* [Crotas pitatus; C. crisatellus.]

Bangalore - juv headed agama  
Psammophilus dorsalis

+ p. blanfordii

(o as 'we' call them)

Animals

Nilgiri langur - (*Presbytis johni*)

Common palm civet or toddy cat  
- (*Paradoxurus hermaphroditus*)

Small Indian civet (*paragu poonai*)  
(*Viverricula indica*)

The common mongoose  
(*Herpestes edwardii*)

Striped Hyæna - (*Hyæna hyæna*)

Sambar - (*Cervus unicolor*)

Indian fox - (*Vulpes bengalensis*)

Sloth bear - (*Melursus ursinus*)

Indian wild dog - (*Cuon alpinus*)

Domestic dog - (*Canis familiaris*)

Grey musk shrew - (*Suncus murinus*)

Small travancore flying squirrel  
(*Petinomys fuscocapillus*)

Three striped palm squirrel

(*Furambulus  
palmarum*)

15

MAR 1978

WEDNESDAY

Indian porcupine - (*Hystrix indica*)  
Bandicoot - (*Bandicota indica*)  
Indian Elephant - (*Elephas maximus*)

wild buffalo - (*Bubalus bubalis*)  
Gaur - (*Bos gaurus*)

Nilgiri tahr - (*Hemitragus hylocrius*)

Indian pangolin (*Manis crassicaudata*)

Indian chevrotin or mouse deer  
(*Tragulus meminna*)

Indian wild boar (*Sus scrofa*)

Some Animals in my  
Campus

Wild Hare.

Wild cat (Red-grey, Brown  
ears + tail short, banded-  
white + black. size - About  
that of a large domestic cat or  
<sup>much</sup> slightly larger) than domestic cat.

Grass rat - Millardia melitoda

Palm Squirrel (Funambulus palmarum)

Indian Jackal - Canis aureus

(Red squirrel Monaxys tetragira)

17

MAR 1978

FRIDAY JHT

Colaptes *gos* (14.12.79)

Black headed shrike  
Shama

White-cheeked Bulbul

Nilgiri wood pigeon

Painted sparrow

Quail

Large Indian Parakeet

Grey jungle fowl

Red jungle fowl

White Rosaceous waterhen

Jungle mynah

Spur

Rosy parrot

Painted stork

Sarus crane

Demioiselle crane

Serpent eagle

Spotted eagle

Saggor falcon

Living blue bird

Crimson breasted Barbet

(Blue faced Barbet)

Rainbow tailed honeyeater.

Blossom headed Peacock.

Rose Ringed "

Jungle Babbler / weaver birds.

Red vented Bulbul

Red whiskered "

Whistling teal

Cotton teal / white ibis / spoon bill

Common, Pelican, heron & stork.  
 Rufous billed dove. Emerald green pigeon.  
 Spotted dove, Ring dove & Green Pigeon.

Red ruffled Lapwing - Purple moorhen.

Orange headed ground Squirrel.

Tring, Rissa pheasant, Reeves pheasant

Argus pheasant, peacock, peacock pheasant,

Fire back pheasant, Purple kalij,

Cockatoo, Cockatoo, Emu, Cassowary &

Ostrich, Flamingo, Black necked stork

Swan, Black Swan & Black necked Swan

Brahminy Duck, Pintail, Nicobar

pigeon, Java Sparrow & Jungle fowl.

Emerald dove, Bleeding heart pigeon.

Muscovy duck, Crowned crane,

Budgerigar & other small parakeets

Brush Turkey.

Mammals

Lions - Indian & African  
 Tiger - Burmese, Indian & white  
 (Tiger also)  
 Leopards, Jaguar, Black panther  
 Puma, Jungle cat, leopard cat.  
 mongoose, porcupine, Jackal & fox  
 Giant Indian squirrel & Malabar squirrel  
 musk deer, Arwangs deer, Sambar  
 chital, nilgai, fallow deer - white  
 & ordinary, Sambar deer, Gazelle  
 Muntjac, Nilgai, Eland, Zebra  
 Hippo, Rhino (Indian) Tapir (malayan)  
 Elephant (Indian) Langur, Chim-  
 panzee, Bonnet & Rhesus monkeys  
 Crab-eating monkey, Olive Baboon  
 Hamadryas Baboon, Chimpanzee,  
 Orangutan, Chinese macaque  
 sloth bear, Himalayan bl bear  
 Brown bear, Grizzly  
 kangaroo, Wallaby

of the  
 the bones  
 hang out.

Insect (Caterpillar)

A green larva taken from Cassia  
sinensis on the 27<sup>th</sup> of Aug.

Adult emerged on the 3<sup>rd</sup> of Sept.

Adult - greenish yellow with  
a black margin on the inside  
of the fore wing.

Catopsilia Pyramthe  
Pieridae.

Reptile house

Cobra, Rat snake, Python, Russell's viper,  
Bearded Krait, Green whip snake,  
Bronze backed snake, Flying snake

Turtles - a large species from Burma.  
Bearded lizard - (related to Agila monachus)  
Water monitor - V. salvator  
monitor - V. bengalensis  
Iguanid, Crested Crow -  
Giant tortoise.

18. 12. 79.

Madras Snake park

King cobra	Rare sealed up
Regal Python	Cobra
sea snake	Andaman pit viper
African puff adder	Black sand Boa
Green pit viper	Rat snake
flying snake	Trinket snake
Spotted snake	Rock python
Brown vine snake	Dog farm water snake
Bronze back	Russell's viper
Banded Racer	
Mrait.	
Banded mrait	
checkered keelback water snake	

Giant Aldabra tortoise  
 mangga Crocodile  
 Testudo - Tortoise  
 yellow monitor  
 monitor lizards  
 Green Iguana (American)  
 Tokay lizards.

20.11.80

While photographing a Peacock,  
I came across a small animal  
that ran across & dived into a  
pool of water nearby. I didn't have  
enough time as to identify; yet,  
I could observe it as something  
like a vole. It was silvery, some-  
what bigger than the house rat —  
proportionately larger head, smaller  
ears, tail didn't look like long.  
It disappeared into the water with  
an easy gait — without splashing.

R.P.D.

20.2.81

Moondra daippa (Tr. dist)

Painted storks

White Pelicans (~~spotted~~)

24

MAR 1978

FRIDAY

~~26. part~~ hairy caterpillars on Hibiscus.

Birds of Madurai (Contd)

- (40) 1 Golden barked woodpecker. (1 pair)
- (41) 1 Indian Robin.
- (42) 1 Rose ringed Parrot.
- (43) 1 Indian Pitta (one pair) 15.2.81 31.10
- (44) (Cuckoo)? Plaintive. (15.2.81)
- (45) (Warbler)? / yellowish leaf warbler
- (46) (Night jar)? little Indian C. asiaticus  
(~~Horned Owl~~)?
- (47) 1 White Scavenger vulture
- (48) 1 (Red) Kite (Harrier) <sup>1</sup> One seen, probably  
pale Harrier in field - max. 11.19
- (49) 1 Spotted owl  
~~1 Barn owl~~ <sup>1</sup>?
- (50) 1 Pied wag tail.
- (51) 1 Wood shrike?
- (52) 1 Blue-tailed Bee eater (4)
- (53) 1 Pied King fisher.
- (54) 1 Stone Curlew (1) 29.6.81 evening.  
in open dry, field.
- (55) 1 great Horned owl ~~(1)~~  
~~Wood shrike (1)~~

Aug. 1981 (56) Coots ♂ chicks in Oct. 1981

- (57) 1 Noddy
- (58) 1 Cormorant - (Lesser)

25

SATURDAY

1978 MAR

SUNDAY

26

(59) Green warbler (?)

(60) Purple moorhen.

(61) Baya. mostly in Sept Oct.  
Heron (?)

minor cuckoo?

a small cuckoo & spotted tail - brownish  
long wings nearly 1 tail end almost - Oct 1981

2. '81 31.10.81 Vikramangalam - Harrier - Pied (?)

(62) yellow Bittern - (8.11.81)

(63) Blue rock pigeons - on rocks.

(64) Purple heron (mar '82)

~~grey bittern (?)~~

~~another bittern (?)~~ - Chestnut?

(65) Indian moorhen

(66) Cotton teal (1)

(67) Kestrel? - Hovering still in

air - silhouette -  
narrow wings long tail  
1/2 of wing kite size.

(68) Chestnut bittern

(69) Bl bittern

(70) Water cock.

(71) Hawk eagle (?)

(72) Hawk cuckoo.

(73) Grey heron.

(74) Red-winged blackbird?

27

MAR 1978

MONDAY

1. 11. 81

Krishna puram Bird Sanctuary  
(Paravakkal Saranayam)  
(Heronery)

52 km from Madurai on the coast  
to Panjor (Tirupattur)

A stagnant tank & lot of Acacia  
trees grow - Nesting birds & juvenile  
birds observed.

Grey Herons.

White Ibis

Spoon bill

Night heron

Large Egret

Lesser Egret

Cormorants (Little cormorant)

(Anhingas) Snake birds / Water.

Indian Moorhen

Common Coot.

(Harrier)? marsh Harrier?

Malayan — CBE:

13. 2. '82

Grey Jungle fowls ♀♂

Indian Pitta

Iora

Tree pie

White throated Ground Thrush

Red vented bulbul

Blossom headed parakeet

Rose-ringed Parakeet

Jerdon's chloropsis

— ~~red~~ (A bulbul?)

Common kingfisher

White breasted kingfisher

Spotted dove

Black drongo

Golden Oriole

— (Spider hunter)?

Pied wagtail

Grey wagtail

Jungle Babbler

Malabar wood (A ~~woodpecker~~ shrike)

— a kite like bird? Buzzard(?)

29

MAR 1978  
WEDNESDAYReptiles in Mdn.Sitana sp (pandicerianus)

Green lizard.

Checkered keel back water snake

Green vine snake (Ahaetulla)

Bronze-barked tree snake.

Banded kukri.

Striped keel-back (grass snake)

Indian Cobra (spectacled).

Common Krait (26.8.81)

Saw-scaled viper (skin).

Cat snake (10.11.81 caught &amp;

released a beautiful specimen)

Common Sand Boa (16.8.82)

in my field - killed.

Rat snake (killed  $7\frac{1}{2}$ ' in bathroom)

Wolf Snake - Head to Vent: 48 cm

5.5.82

tail = 10 cm

Turtle - Trionyx sp

Birds in my campus (under) counts

- (75) juv. whiptails.  
(76) Brown leaf warbler?  
(77) wh. browned bulbul?  
(78) streaked fantail warbler.

minim)

killed.

th. room)

8 cm

0 cm

15

SATURDAY

1978 APR

SUNDAY

16

22.11.80

List of Indian Birds  
~~so far~~ Identified. PjRA

1. Crows & Tree-pies Common house crow  
 The Jungle Crow.  
 The tree pie (*Dendrocyitta*  
*ragabunda*)  
 Southern Malabar tree-pie  
 (A. *leucogaster*)
2. Tits Grey tit.
3. Wagtails: Eastern grey wagtail  
 Yellow wag tail  
 White wag tail  
 Pied wag tail  
 Forest wag tail.
4. Thrushes: Malabar whistling Thrush  
 White throated ground thrush
5. Babblers Jungle Babbler (2 races)  
 Scimitar Babbler  
 Rufous Babbler.
6. Drongos The Black drongo  
 White Breasted drongo  
 Rainnet tailed drongo.
7. Woodpeckers Golden-barked woodpecker
8. Barbets Crimson breasted Barbet  
 Malabar green Barbet.  
 Blue mounted Barbet

17

APR 1978

MONDAY

SATURDAY

15

8. Hornbills - Large Indian hornbill
9. Orides - Golden oriole  
Black headed orioles
10. leafbirds/chloropsis - Jerdon's chloropsis  
Common Iora  
Fairly blue-bird.
11. Bee-eaters - Common bee-eater (green)  
Chestnut headed bee-eater
12. Pittas - Indian pitta
13. Anthathes - Chestnut bellied anthathes
14. Mynahs - Common Mynah  
Grackle  
Jungle mynah (Grey)  
Brahminy mynah  
Bank mynah  
Pied mynah  
Grey headed mynah  
(Blyth's mynah)
15. Lapwings - Yellow wattled Lapwing  
Red wattled Lapwings
16. Waders & Snipes - Turnstone <sup>stone curlew</sup>  
Sand-piper; stilt  
Woodcock.
17. leaf walkers - Bronze winged Jacana  
o Blue-tailed Bee-eater

bill

pheasant tailed Jacana

18. Water hens + gallinules

white-breasted water hen

Purple moor hen

~~Indian moor hen~~ <sup>cost.</sup>19. Kingfishers

White breasted Kingfisher

Common Kingfisher

Red Kingfisher

Brown headed stock billed Kingfisher

(green)

eater

at

20. Bulbuls

Red vented Bulbul

Red whiskered Bulbul

Ruby throated Bulbul

(yellow <sup>white</sup> breasted bulbul)21. Shrikes + minivets

Grey shrike, (large)

[Wood shrike]

Grey backed shrike

Bay backed shrike,

Black-headed Cuckoo shrike

Black headed shrike

Red fly catcher shrike

Scalped minivet

Lushall minivet

~~ashy scapular shrike~~22. Sunbirds

Purple Sunbird

Purple rumped Sunbird



Red munia

Spotted munia

Black-headed munia

White-throated munia

White-barked munia.

32. Warblers

Ashy green warbler

Streaked fantail warbler

Tailor bird.

33. Rollers

Indian Roller

34. Hoopoe

- Hoopoe.

35. Larks

- Ashy crowned finch lark.

36. Gallinaeans

- Grey jungle fowl

Grey Partridge

Pea fowl.

37. Herons & storks,

Pond heron

Night heron

Grey heron

(Purple heron)?

Chestnut Bittern,

Cattle Egret

Egret (small)

Large Egret,

Common stork,

Spoon bill

Adjutant stork.

- Painted stork  
 Black ibis  
 white ibis
34. Cormorant. <sup>Snake / snake bird</sup> ~~Black~~ Cormorant; White Pelican.
35. Owls + night jays spotted owl (Athene ~~brahmani~~)  
 Forest Eagle owl  
 Barn owl  
 Night jay (sp undetermined)  
 Great Horned owl.
36. Hawks, kites, Eagles + vultures.  
 Shikra,  
 Pale Harrier,  
 Black winged kite,  
 Pariah kite,  
 Brahminy kite,  
 Black eagle,  
 Crested serpent eagle?  
 Scavenger vulture (white)  
 white-backed vulture,  
~~Long-billed vulture?~~
37. Ducks  
 Cotton teal; whistling teal.  
 Sabchick.
38. Gulls + terns, (Sea gulls?)  
 (Riv. tern).
39. Ashy swallow shrike.

Complete List of Birds (Zimbabwe) List  
seen. 8.11.83

1. Little grebe.
2. Spotted billed / grey pelican.
3. Little Cormorant
4. Snake bird
5. Grey Heron.
6. Purple heron.
7. Pond heron.
8. Cattle Egret
9. Smaller egret
10. Little Egret.
11. Large Egret?
12. Reef heron.
13. Night heron
14. Yellow bittern
15. Chestnut bittern
16. Black bittern.
17. Painted stork
18. Open bill stork
19. Lesser adjutant stork
20. White Ibis
21. Black Ibis

22. Spoon bill
23. Lesser whistling teal
24. Pintail
25. Cotton teal.
26. White backed vulture.
27. White rumped vulture.
28. Pale harrier
29. marsh harrier
30. Black winged kite
31. Parula kite
32. Brahminy kite
33. Black winged Shikra
34. kestrel.
35. Black Eagle.
36. shak-toed eagle?
37. Crested serpent eagle?
38. <sup>shakia</sup> ~~Laggar~~ falcon.
39. Grey jungle fowl.
40. Peafowl.
41. Grey Partridge.
42. White breasted water hen.
43. water cock
44. Moorhen
45. Purple moorhen.

26

APR 1978

WEDNESDAY

46. Coot.
47. Pheasant tailed jacana
48. Bronze winged jacana.
49. Red wattle lapwing
50. yw. wattle lapwing.
51. little ringed plover.
52. green sandpiper
53. woodcock.
54. Little stint.
55. Black winged stilt
56. stone curlew.
- ✓ 57. Black headed gulls?
58. Rinn tern.
59. Rock pigeon
60. Grey fronted green pigeon
61. Common green pigeon.
68. Wood pigeon
69. Spotted dove
70. Little brown dove.
71. Red turtledove
72. Ring dove.
73. Alexandrine parakeet
74. Rose winged parakeet
75. Blossom headed parakeet

76. Blue wings parakeet  
 77. loriquet.  
 78. Pied Crested Cuckoo.  
 79. Hank cuckoo.  
 80. Indian Cuckoo  
 81. small cuckoo?  
 82. Bay banded Cuckoo  
 83. Plain tins Cuckoo.  
 84. Kool.  
 85. Green billed Noddy (small)  
 86. crow pheasant.  
 87. Bam out.  
 88. Great horned owl.  
 89. spotted owl  
 90. ~~Barn owl~~ <sup>Willard's owl</sup> ~~owl~~  
 91. Indian nightjar  
 92. Ceylon frogmouth.  
 93. House swift  
 94. Alpine swift  
 95. Palm swift  
 96. Crested swift  
 97. Pied Kingfisher  
 98. Common Kingfisher  
 99. Stake billed Kingfisher

100. White breasted kingfisher  
 101. small green bee eater  
 102. Chestnut headed bee eater  
 103. Blue tailed bee eater  
 104. Indian Roller  
 105. Hoopoe  
 106. Malabar grey horn bill  
 107. Great Indian horn bill  
 108. Crimson breasted barbet  
 109. Small green barbet  
 110. Large green barbet  
 111. Golden backed woodpecker  
 112. Golden tailed three toed woodpecker  
 113. Pygmy woodpecker  
 114. Indian pithe  
 115. Ashy crowned finch lark  
 116. Rufous tailed finch lark  
 117. Red winged bush lark  
 118. Crested lark (Malabar)  
 119. Dusky wag wren  
 120. Common swallow  
 121. Red winged swallow  
 122. Grey shrike  
 123. Black headed shrike

124. Bay backed shrike  
 125. Brown shrike  
 126. Rufous backed shrike  
 127. Golden oriole  
 128. Bl. headed oriole  
 129. Bl. droop.  
 130. Grey droop. \*  
 131. Wh. bellied droop.  
 132. Parquet tailed droop.  
 133. Common myna  
 134. Jungle myna  
 135. Pied myna  
 136. Bank myna  
 137. Brahminy myna  
 138. Greyheaded myna  
 139. White headed myna.  
 140. Hill myna.  
 141. Tree pie  
 142. S. Tree pie  
 143. House crow  
 144. Jungle crow  
 145. Pied fly catcher shrike  
 146. Bl. headed Cuckoo shrike  
 147. Large Cuckoo shrike

148. Orange minivet.  
 149. Small minivet.  
 150. Ashy nuthatch strike  
 151. Lora  
 152. Golden fantail chloropsis  
 153. Judo's chloropsis  
 154. Fairy blue bird  
 155. Red wh. bulbul  
 156. Red v. bulbul  
 157. Ruby throated bulbul  
 158. Wh. brown bulbul  
 159. Yw brown bulbul?  
 160. Scimitar babbler  
 161. Large grey babbler  
 162. Jungle babbler.  
 163. Brown fly catcher  
 164. Tickell's blue fly catcher  
 165. ~~White brown fantail flycatcher~~  
 166. White spotted fantail flycatcher  
 167. Paradise fly catcher.  
 168. Fantail warbler (streaked)  
 169. Indian war warbler.  
 170. Ashy war warbler  
 171. Jungle war warbler?

172. Tailor bird  
 173. Brown leaf warbler (chiff chaff)  
 174. Olivaceous leaf warbler?  
 175. Magpie Robin  
 176. Indian Robin  
 177. Pied bush chat  
 178. Red start  
 179. Blue Rock Thrush  
 180. Malabar whistling Thrush  
 181. White throated ground Thrush  
 182. Black bird.  
 183. Grey tit  
 184. yellow checked tit  
 185. White fronted nuthatch.  
 186. Chestnut bellied nuthatch.  
 187. Indian pigmy / tree pigmy ?  
 188. Grey wagtail  
 189. Forest wagtail  
 190. yw wagtail  
 191. Pied wagtail  
 192. white wagtail.  
 193. Tickhills fl. pouter  
 194. Purple sun bird  
 195. Purple rumped sunbird

**3****MAY 1978****WEDNESDAY**

196. little spider hunter?  
197. white eye  
198. House sparrow  
199. yw throated sparrow  
200. Baya  
201. streaked weaver bird  
202. Red Munia  
203. Black headed munia  
204. wh. throated munia  
205. wh. backed munia
- 

Indian Birds seen in zoos.

206. Sam's crane  
207. Demoiselle crane  
208. white stork  
209. Black necked stork  
~~210. white necked stork~~  
211. Flamingo  
212. silver pheasant  
213. Red jungle fowl.  
214. Fire back Pheasant  
215. Blyth's tragopan  
~~216. Black he shama~~  
217. white cheeked bulbul

- 218 Painted spurfowl.  
 219. Quail (?)  
 220 Roy parrot  
 221 Spotted eagle.  
 222 Renna pheasant  
 223 Angus pheasant  
 224 peacock pheasant  
 225 Brahmey duck  
 226. Nicobar pigeon  
 227. ~~Emerald dove.~~

(conts. from 205)

228. wood stork (Luhian)  
 229. Malabar wood stork.  
 230. Great Luhian Postard (300)  
 231 Blyth's red warbler  
 232 Red breasted flycatcher.  
 233 Emerald dove  
 234 small sunbit.  
 235 Bronze chaps  
 236 Shama  
 237 greenish bay warbler  
 238 white bellied blue fly catcher  
 239 ~~white breasted nuthatch~~

5

MAY 1978

FRIDAY

- nilgiri
239. ~~240.~~ ~~Indus plain~~ ~~stomach~~ ~~fl.~~ ~~pink.~~
240. ~~large billed~~ ~~leaf warbler.~~
241. ~~wh. winged~~ ~~spine tailed~~ ~~swift.~~
242. ~~wh. bellied~~ ~~babbler.~~
243. House martin.
244. ~~Pied~~ ~~woodpecker.~~
245. ~~Indian~~ ~~wood~~ ~~strike~~
245. Heart spotted woodpecker
246. Thick billed warbler.
247. Black rumped blue flycatcher.
248. small skylark.
249. ~~Black~~ ~~bird~~ ?
250. ~~Black~~ ~~winged~~ ~~kite~~ ?
249. Tree pipit
250. Great bl. woodpecker
251. ~~wh. winged~~ ~~spine tailed~~ ~~swift.~~
252. Bl. bellied (Andhra/Goa 21.12.83)
253. Nilgiri: greater babbler "
- ? 254. ~~Cinnamon~~ ~~throat~~ ~~babbler~~ "
255. large crowned leaf warbler.
- ? 256. lesser crowned
- ? 257. wh. bellied short wing
258. Brown throated spine tailed swift
259. Collared scops owl (Heard at  
U.S.C Bangalore)

- ✓ 260. Buzzard (Crested honey)  
 261. white headed bobble.  
 262. Kottin's sunbird  
 ? 263. Marsh sandpiper.  
 264. Short towed Eagle.  
 265. Nilgiri thrush  
 266. ~~Crested~~ serpent eagle (bosu)  
 267. ~~Nilgiri~~ red-tailed flycatcher.  
 268. median spout.  
 ? 269. S. long tail Nightjar.  
 270. Thick billed fr. plover.  
 271. small grey rufous woodpecker  
 272. Grey headed babbler.  
 273. Wh. rumped white tail swift  
 274. Imperial green pigeon  
 275. Wh. bellied sea eagle  
 276. Bl. headed babbler.  
 277. Blue banded bee-eater  
 278. Crimson breasted babbler.  
 279. Tamey Eagle?  
 280. Wh. necked stork  
 281. Rufous woodpecker  
 282. M. Pied woodbill.  
 283. Small cuckoo

8

MAY 1978

MONDAY

Sandra Akka

8

284. Whistling teal (D. bicolor)
285. Arctic sparrow hawk
286. Melba tern
287. Lesser sand plover
288. ~~Common Plover~~ / ~~Small Plover~~ / ~~Small Plover~~
289. ~~Indian Hobby?~~
290. Paddy field pipit
291. Marsh bush lark
292. Pintail snipe?
293. Green heron
294. Band jungle outlet
295. Red Shank
- ~~296. Thick billed~~  
~~great neck warbler~~
297. Green shank
298. Jindal's Imperial pigeon
299. ~~Lagotis~~ / ~~Indian tailed flycatcher~~ / ~~Brown breasted~~
300. Blue headed rock thrush <sup>greyish</sup>
301. Tawny Pipit
- ? 302. ~~Tytlus leaf warbler~~
- ? 303. ~~Bark lark~~
304. Oryzias warbler
305. Indian whistling tern
306. Turnstone
307. Spotted pipit

1978 MAY

TUESDAY

9

308. Lutescent goshawk
- ~~309. slender bank eagle.~~
- ~~310. Large golden backed woodpecker.~~
309. Honeyeater / Blyth's white rumped swift
310. Orange cuckoo
311. Large golden backed woodpecker
312. Penniculus tenuis dove
313. Red breasted marten
314. Short tail eagle
315. Rufous bellied bank eagle.
316. Red spurfowl.
317. spotted sandpiper
318. Indian cliff swallow
319. slender bank eagle
- ~~320. Boster bank eagle~~
321. Tamey eagle.
322. White eyed Buzard
323. Black tailed Godwit
324. Great reed warbler
325. Blue throat
326. Stonechat
327. Ind. AT road marten
328. King marten.
329. Ind. shag

10

MAY 1978

WEDNESDAY

9

- 330 Hair water drops.  
331. Stays out.  
332 Osprey  
333 Peregrine falcon  
334 Dusky horse owl  
335 Lesser sand plover  
336 Grasshopper warbler  
337. Rufous bellied sapsucker

Birds of Sris / N. Kanara:

1. Sabulink
2. Coot.
3. Cattle Egret.
4. Little egret
5. Large egret.
6. Pond heron.
7. White breasted water hen.
8. ~~Barnard jungle~~ outlet. Collared scops owl
9. Spotted owl.
10. Spotted dove.
11. Grey parrot green pigeon
12. Emerald dove.
13. Grey horn bill
14. Hoopoe.
15. White breasted kingfisher.
16. Pied kingfisher.
17. Chestnut breasted bee eater
18. Small green bee eater.
19. Pigeon woodpecker.
20. Golden backed woodpecker.
21. Golden backed 3 toed woodpecker.
22. Small green babb.
23. Large green babb.

22

MAY 1978  
MONDAY

SATURDAY

20

24. Copper smith
25. Tree pie
26. House crow
27. Jungle crow
28. Grey tit
29. yw. checked tit.
30. Jular's chloropsis
31. Golden parrot chloropsis
32. Fairy blue bird.
33. Coned.
34. Bay banded cuckoo
35. Hawk cuckoo.
36. Large cuckoo shrike.
37. Orange minivet.
38. small minivet.
39. Rufous backed shrike
40. Brown shrike
41. Red flycatcher shrike
42. Indian wood shrike.
43. Ashy swallow shrike
44. Red rumped swallow.
45. Dusky cag matri
46. common swallow
47. Crested tree swift

48. Alpine Swift  
 49. House Swift  
 50. ~~Wh. winged Swift~~  
 51. Blue winged Parakeet  
 52. Blossom headed Parakeet  
 53. Lorikeet.  
 54. Golden Oriole  
 55. Black headed Oriole.  
 56. Iora.  
 57. Jungle myna  
 58. Common myna.  
 59. Breeding myna  
 60. Grey headed myna  
 61. White headed myna  
 62. Hill myna.  
 63. Red v. bulbul  
 64. Red wh. bulbul  
 65. Ruby throated bulbul  
 66. Yw. breasted bulbul  
 67. Paradise flycatcher.  
 68. ~~White breasted fantail flycatcher.~~  
 69. Tickell's blue flycatcher.  
 70. Wh. bellied blue flycatcher.  
 71. Brown flycatcher -

24

MAY 1978

WEDNESDAY

72. Bl. drongo?
73. wh. bellied drongo
74. racket tailed drongo
75. Bengel drongo
76. grey drongo
77. small sunbird
78. Purple sunbird
79. Purple rumped sunbird
80. Tickell's fl. puke
81. Nilgiri <sup>Indris</sup> / plain chaser fl. puke
82. Olyth's red warbler.
83. Tailor bird
84. greenish leaf warbler
85. large billed leaf warbler.
86. Java Pie tree fork.
87. grey jungle font.
88. Indian pitia
- ~~89. white headed babbler.~~
90. jungle babbler.
91. Crested shrike lark. (Malabar)
92. small green billed Malabar.
93. Magpie Robin
94. Shrike
95. Pied bush chat

1978 MAY  
THURSDAY

25

96. Bronze winged Jacana  
97. Ashy wing warbler.  
98. White-throated woodpecker.  
99. White-bellied nuthatch.  
100. Parula kite  
101. Bushy-browed nuthatch.  
102. Jungle warbler.  
103. House sparrow  
104. Yew-bellied sparrow  
105. White-bellied nuthatch  
106. Spotted nuthatch  
107. House martin.  
108. Red w. leucophaea  
109. Malabar wood shrike  
110. Red woodpecker.  
111. Bl-headed cuckoo shrike  
112. White-throated nuthatch  
113. Blue rock pigeon  
114. Thick billed woodpecker  
115. Least spotted woodpecker  
116. Indian Robin  
117. Bl-headed woodpecker  
118. Small blue kingfisher  
119. Small shrike

26

MAY 1978

FRIDAY JHT

- \* 120 Black bird  
 † 121 ~~Black winged kite~~ ~~pale banner~~  
 122 Bl. Red start  
 123 Tree pipit  
 124. Least Bl. wood pecker  
 + 25. ~~Wh. rumped spine tail swift~~  
 126. Large pied wagtail  
 127. Yw. wattled Lapwing. †  
 + 28. ~~Sabbich.~~  
 129. W. Ibis.  
 130. Stihua  
 131. Wh. throated ground thrush  
 132. Bl. bellied  
 133. Nilgiri quaker babbler  
 ? 134. ~~Common throat babbler~~  
 ? 135. Lesser coucal  
 ? 136. Wh. bellied short wing  
 + 137. Large eared long wattle.  
 138. Pheasant tailed jacana.  
 139. Common swallow  
 140. Brown throated spintailed swift.  
 141. Crested honey buzzard. †  
 142. Wh. headed babbler.  
 ? 143. Marsh sand piper  
 + not recorded by Davidson.

- ~~? 144~~ Short tailed Eagle  
 145. Cotton tail  
 146. Bl. winged kite  
 147. Palm swift  
 148. ~~Scrub~~ Rufous eagle (house)  
 149. ~~Nilgiri~~ red tailed flycatcher.  
 + 150. Nilgiri Thrush.  
 151. Indian Kestrel.  
 152. Little night jhon.  
 0 153. Black winged stilt  
 154. Median Egret.  
 155. Nilgiri wood pigeon  
 ? 156. S. long tailed Nightjar.  
 157. Thick billed flycatcher  
 158. Grey headed bulbul  
 159. small grey headed woodpecker.  
 160. wh. winged spine tailed swift  
 161. S. Green Pigeon  
 162. Imperial green pigeon  
 163. Short tailed Eagle  
 164. Common sandpiper  
 165. Grey wagtail  
 166. Lesser whistling thrush  
 167. ~~Fairy Eagle?~~  
 0 so far not reported.  
 + not reported by Davidson.

167. Wh. necked stork.  
 168. Indian Roller.  
 169. Whistly lark  
 170. Little Cormorant.  
 171. Kestrel.  
 172. Dingo Cuckoo  
 173. Large Golden backed w. plover  
 174. Tropic  
 175. Rufous woodpecker  
 176. Blyth's white winged swift

Birds of Keweenaw

1. Tame pie
2. House crow
3. Jungle crow
4. Black drongo.
5. Conical
6. White faced wren.
7. Jungle babbler.
8. Common myna.
9. Hill myna.
10. Spotted dove.
11. Emerald dove.
12. Mason baird Imperial pigeon?
13. Baya
14. Grey jungle fowl
15. Quail.
16. Golden backed wood pecker.
17. Red vented bulbul
18. Bl. headed oriole
19. Blossom headed parakeet.
20. Blue winged parakeet.
21. Orange minivet
22. Golden oriole
23. Dove

31

MAY 1978

WEDNESDAY

24. Pied bush chat  
 25. Red w. bulbul  
 26. Purple Small sunbird  
 27. Frog warbler  
 28. Copper sunbird  
 29. Fairy blue bird  
 30. Brown headed stake billed kingfisher  
 31. Jungle wren warbler  
 32. Indris chlangris  
 33. Brown flycatcher  
 34. Tailor bird  
 35. Parula kite  
 36. Barking kite  
 37. Lulu's sunbird  
 38. W. headed babbler  
 39. Bl. headed cuckoo-shrike  
 40. Grey drongo  
 41. W. breasted water hen  
 42. Malabar grey hornbill  
 43. Blyth's red warbler  
 44. Indian roller  
 45. Common bee-eater  
 46. Blue tailed bee-eater  
 47. Chestnut headed bee-eater

1978 JUN

THURSDAY

31

48. Bl. headed gulls (Hannan 1984) (Hannan)
49. Pale heron.
50. Magpie Robin
51. Purple winged swiflet
52. wh. throated ground thrush
53. Bl. chough.
54. dull blue kingfisher
55. wh. breasted kingfisher.
56. Paradise flycatcher.
57. Pied kingfisher
58. Rufous woodpecker.
59. M. pied honeybill
60. M. whistly thrush
61. Blue breasted bee eater.
62. ~~Red spurwing ?~~
63. ~~Red fork.~~
64. ~~Tawny Eagle.~~
65. Kestrel.
66. Red start.
67. ~~Blyth's whistling thrush~~
67. large golden backed woodpecker

Endangered spp of birds

Mauritius kestrel

Mauritius parakeet

Notornis of New Zealand.

Everglade kite

Bald Eagle.

Andean condor.

Peafowl (India)

Hill myna. (India)

Great Indian Bustard (India)

White-bellied sea eagle (India)

Jerdon's courser (Ex)

Mountain quail (Ex)

Pink headed duck (Ex)

Hontara bustard (Pakistan)

? Grey Pelican (India)

1978 JUN

YAC TUESDAY

6

*Joshua.*

27

OCT 1978

FRIDAY

I think <sup>that</sup> I shall never see,  
A poem lovely as a tree.  
A tree whose hungry mouth is pressed  
Against the earth's sweet-flow'ry breast  
A tree that looks at God all day  
And lifts her leafy arms to pray  
A tree that may in summer wear  
A nest of robin in her hair  
Upon whose boughs snow has lain  
Who intimately lives with rain  
Poems are made by fools like me,  
But only God can make a tree.

—Joyce Kilmer

29

NOV 1978

WEDNESDAY

Bird projects of interest

- ① Height prefs of hole nesting birds
- ② Brood parasitic Cuckoos.
- ③ Mixed hunting parties - Composition + structure.
- ④ Bird songs / mimicry.
- ⑤ Habitat pref + bird distribution.

1978 DEC

THURSDAY

7

Important events in my  
naturalistic career.

- 1980 - Bird on The Campus TNPU CBE  
for The Tatler.
- 1981, 1982, - first correspondences to  
Dr. Schin ali.
- 1982, - Check list of Birds of TNPU  
Madurai for Mayura.
- 1982 - Writing the book on birds  
of the campus  
got it typed & done in Nov 1983
- 1983 - Eng. lectures on birds  
& Insect at UBE.
- started Bird of the week  
series.
  - helped young students &  
others in identifying insects  
& birds.
  - November 5, led a group  
of young boys & girls to  
Borintli N.P. in Bombay.  
Same day gave a lecture  
on Birds, insects & snakes  
for about an hr.

8

DEC 1978

FRIDAY HT

- November - December - He took on bits of  
TNAH mdr, completed. in Paris.

- Sept oct - Bangor BWC newsletter  
1st article on Indian Rocks.

1984

- Jan - Feb - issue BWC NL - 'Frogmouth'

9

SATURDAY

1978 DEC

SUNDAY

10

*with*

18

DEC 1978

MONDAY

YADRUTAS

18

Page

Complete list of birds

April 24

list of Indian birds

April 15

Birds of Sisi

May 20

Birds of Kunta

May 30

2  
3  
4  
5  
6  
7

## Strengthening activities for 1 mind

1. read 1 Bible & pray
2. Read good Christian lit || expands yr soul
3. relax & good music
4. share in Christian fellowship
5. concentrate periodically on physical labor, recreation & diversion.
6. spend time in a hobby.
7. remember often to praise God & thank him for every good gift & to say he sends.

I tentled & spirits  
Vator Ernest.

20

DEC 1978  
WEDNESDAY

Bible study

13. 8. 81

James 1: 22-27 (22, 26, 27 'X')

— Tongue — James 1: 26; James 3: 2, 5-8  
doing the word — James 1: 22, Rom  
Philippian 4: 8

Helps + recitation — James 1: 27

Psa: 19: 14

Rom 12: 15

Purity: Philippian 4: 9

Summary: 1 Tim: 4: 12

20. 8. 81

Luke 15: 11-24 (18, 13 + 32 'X')

God's forgiveness = 1 Tim: 1: 15

Heb: 7: 25

New creation: Rom 8: 1

11 Corintheans: 5: 17

Eph 2: 13

Repentance in faith: Luke 15: 18

Acts 10: 43

Salvation only in the father: Acts 4: 12

Luke 15: 28.

4<sup>th</sup> feb '82

Ps. 51: 2

Ps 86: 5

Ps 103: 8

John 15: 12

29

DEC 1978

FRIDAY

15. 2. 79

mat 16:5-12. mat. 13:33

mark 6:11 mark 8:16.

Duke - 11.

Mr Vedanayagam J.C.T.

16. 2. 79

Duke 23:33-43.

Human Conscience is policeman of

He wants us to know God is in us.

1) He loves us

2) How much we make him suffer.

Egen - 3:15 (about a new  
messiah.)

B. Rarichandran. CSI School.

17. 2. 79

John 1:4.

Antony - Pazhiyampalayam.

18. 2. 79

1 Thessalonians - 4:

1 John 3:3.

Rajkumar (20)

R. Charles Kennedy

J. Jacob.

oil palm - Elaeis guineensis

14.2.79

Mat: 7-13-23.

where have we come from?

where are we going?

We are disturbed coz we don't know our destiny.

We are only 2 possible destinations in this world. 1 Broad way of destruction & narrow way of life.

When a man says there is no God, he just shows his own spirit's death.

All of us want to live forever.

where did I derive come from?

It's there from 1 day we came to existence. God has given it. God made man got him in his own image.

Animals don't search God. Apes don't worship. Man seeking God is like a child searching toys.

Religion is man's search for God.

Gospel is God's down-reach for man.

John 10:10

John 1:4

NOTES

13.2.79

If I commit sin when I'm out of touch  
w God - says the Bible -

God was in Christ - 1st of  
sin is being out of touch w God.

Cure is Reconciliation.

1 perfect piece of God available.

1 easiest way to meet God is 1 Gospel.

You just come to me by faith & you'll  
find your destiny - Jesus.

Believe!

mat 11:28

Behold I knock at your door -  
you got to let Jesus into your life.

M. Daniel Naresch Kurman - N.G.O. colony.

## NOTES

~~13.2.79~~ - ~~meeting~~ to Kotagiri

Akba Hagg meeting

13.2.79

James - 1: 22-27.

The Bible says there is an invisible evil power &  
a King - Devil.

1 chief enemy. 1 best of God's Creation man  
Best part of man - Soul. Here Devil attacks  
1 soul. most of life is 1 soul & spirit  
- we are slaves of body - a tragic way  
of living.

Jesus said - this is 1 way of destruction.  
1 Devil goes to church every Sunday.  
He wants us not to give ear to 1 word of God.  
This (James 1:22-27) is a mirror to 1  
Soul. 1 Bible reflects 1 truth about you.  
1 strangest book in 1 world. Mentions 1  
life of 1 Greatest person in 1 world.

You don't want to read 1 Bible  
'coz it shows an ugly picture of you.

Rom 3:23. - all have sinned.

Sin - 10 commandments - symptoms

when soul is out of touch with God - I'm suffering

from 11 disease - Sin that's how God  
thinks.

A

2.10.78 Bible references  
 student witnessing

1 Tim: 4:16 + 12

John 14:6

Rom: 3:23, 6:23, 5:6-8

Acts: 4:12

John: 3:16, 36

John: 1:12

1 John - 1:9 + 7

Proverbs: 29:1, 27:1

Samuel = I've asked  
 him of / Lord.

B

1 John 1:10 + 8

Psa: 51:5

Isa: 1:18

Acts, 4:12

Psa: ~~27~~:4

Luke: 10:42

1 Sam 2:30

God's calling Samuel:

1 Sam: ~~3~~:4, 6, 8, 10

C

one thing — have I desired

{ needful  
 { I do

Ps. 27:4

Lk 10:42

Phil 3:13

The 7 words of Jesus

Lk: 23:43, 23:46

Mark: 15:34

Mat: 27:46

John 19:26-27.

D

Acts of KFSI

Mark: 4:1-9

Acts 2:42

John 15:16

John: 4:10

John 15:2, 3, 7, 8

Gal. 5:22

Phil: 1:11

Ephes: 5:9

Col: 2:7.

E

Counseling

Eph 2: 5, 6

Gal 2: 20

Col 3: 1-2

Heb 5: 9

1 John 4: 4.

19.1.79Lesson 1Acts 6 + 8

1. Christ filled life. Acts 6: 3-5
2. the Holy spirit hang control over his Acts 8: 25, 26

- F 3. Possessg knowledge of scriptures to share w others Acts 8: 35
4. Takg up 'cross daily & following him  
Acts 8: 6-8, 20-21, 26.

Lesson 2Balanced Christian life.

scripture John 15: 1-27

1 secret of fruitful Christian life

1. Does His word abide in me?

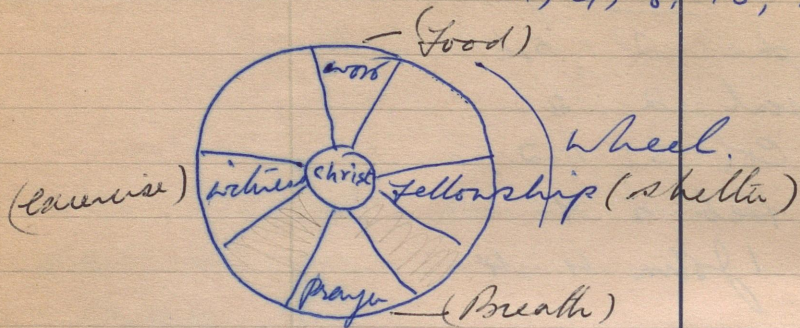
vs 4 + 7

2. Do I pray daily? vs 7, 16

4. am I ~~an~~ active in a Christian church? v. 9 + 12.

4. <sup>G</sup> Am I witnessing daily?

2, 4, 8, 16, 27.



The Bible

Rom 10:17

15:34  
Rev 1:3

acts 17:1

col. 3:6

H

J

study  
job

study  
meditation

Josh. 1:6

meditate

psa. 1:2

psa 119:105

I

1 message

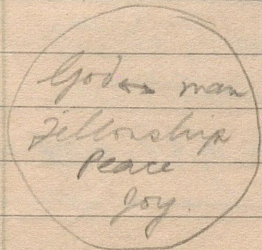
Salvator

21. 1. 79

Lesson 2

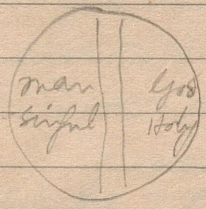
1. God's plan for man. .... ?
2. man's problem. .... ?
3. God's remedy.
4. man's response.

1.



2. man became a problem (rather created)

J



— separation from God

1 Godness we share. steps to peace & God. Step 1 (Realizing)

God's plan: peace & life

God's love revealed in Christ John 3.16

Step 2 (Acknowledge)

man's prob. — separation

See results in separation from God.

man

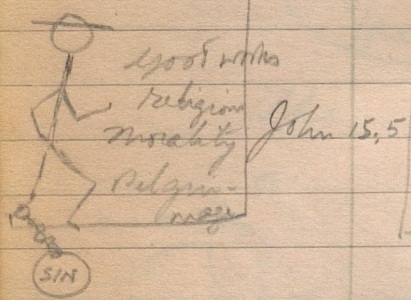
God.

K

8. God's Remedy.

Man's effort to reach God  
(without success)

man  
(sinful)



God  
(Holy)

Forgiveness

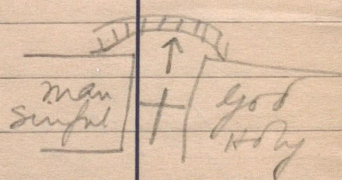
Peace

God  
abundant life  
Eternal life

L 3 God's Remedy 1 Cross  
step 3 (Recognition)

Jesus Christ is the only answer to  
prob of separation

Jesus Christ bridges  
a gap



Roman 5:8

John 14:6

Eph 2:8, 9

6. Man's Response

sinners (by faith) → child of God

John 1:12

Eph. 2:8, 9

M

N

28.

17  
1  
2 R

2

D



O

M

1) Repent

Acts 17:30, mat 3:2,

mat 4:17,

2) Believ

Act 16:31, 1 John 1:7

Lev. 17:11

3) confess

1 John 1:9

4) witness life

11 Corinth 5:17

epal 2:20, John 1:12. Rom 10:9-10

mat 10:32,33, Ephes. 2:8,9

P

N

O

5c

5b

5a

Religion

Ozen

John

R

Remm

Phone

Names

Names

Phone Nos.

D  
5c

Bb

Religion  
to  
to  
to

Occu-  
pation

Address

T

Home Age  
of  
country

S no.

consolid  
name no

Date

S

19.8.79

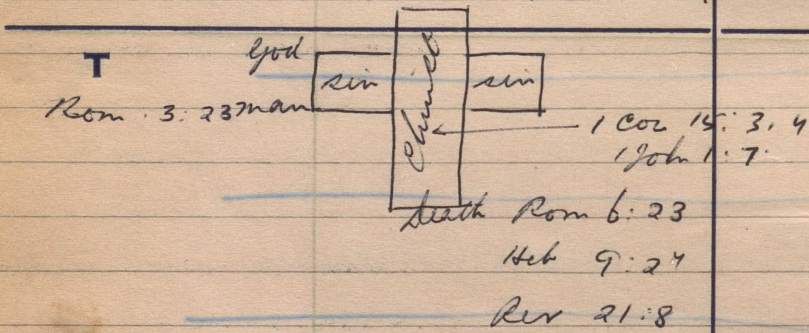
Qualifications of Counsellors

1. He/she shd have a definite experience of rebirth.
2. shd be an active member of any Church.
3. shd not indulge in any apparent sin.
4. shd be regular in quiet time & witnessing.

Plan of salvation

mark 1:15

life John 5:24



① accept for 1st time

② assurance - based on word of God

John 1:12, 1 John 5:12, Acts 16:31

③ based on faith & ② fully.

④ Rededication (John 1:8, 9) (confession)

U

V

U

- 1980 - Tattu - Coimbatore Dove Birds in  
our Camps.
- 1980 - Miss Sitalakshmi - Orient Printers -  
photographs of my Paintings - discussion  
on wild life club. - CBE.
- 1981 - madurai - Dr. Thirumorthy  
Jan. " applied for membership in  
Margana - BWC - AP Dr Tej kumar.
- 1981 - madurai - Dr. Tej kumar
- 1981 - Nov - <sup>1st</sup> Kettu - 23.3.81 Hhd
- 1982 - Jan - madu - Margana -  
checklist of birds ~~1981~~.

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Hydrabad - 30

Andhra Pradesh

5000 30

