

# RECORD

7530-222-3525

FEDERAL SUPPLY SERVICE

(GPO)



Catalogue  
of the  
Land and Fresh-water  
Mollusca  
of  
Thailand

Anything written in  
pencil in ( ) was  
added by F Ruhoff,  
Sept. 1974 from  
Brandts' correspondence.



for Dr. J. P. E. Morrison

Coll. R. Brendt  
for  
U.S. Nat. Mus. Washington



No	Species	Author	♀	♂
1	X <i>Sinotaja <del>ingallsiana</del> (K&amp;H) wardeni</i> K&H		0	10 ✓
2	X " " "	Frauenfeld	0	20 ✓
3	X " " "		0	10 ✓
4	X " " <i>sp. westermanni</i>		0	20 ✓
5			(21)	2 ✓
6			(21)	3 ✓
7	X " " "		0	15 ✓
8	X " " "		0	20 ✓
9	X " " "		0	20 ✓
10			(2)	6 ✓
1	X " " "		0	20 ✓
2	X " " "		0	20 ✓
3	X " " "		0	20 ✓
4	X " " "		0	20 ✓
5	X " " "		0	10 ✓
6	X " " "		0	10 ✓
7	X " " "		0	20 ✓
8	" " "	form I	0	8 ✓
9	X " " "		0	15 ✓
20	" " "	form I	(21)	6 ✓
1	" " "	I	(21)	6 ✓
2	X " " "		0	10 ✓
3	X " " "		0	10 ✓
4	X " " "		0	20 ✓
5	X " " "	II	0	15 ✓
6	" " "	ssp.	0	10 ✓
7	X " " "		0	10 ✓
8	X " " "		0	20 ✓
9	X " " "		0	12 ✓

Locality	(Thailand Laos)	date
Bangkok - Noi - Tonburi	(Bangkok - Noi Tonburi)	26-6-63
Ban Khen near Bangkok		5 VIII July 63
Bangkok; in front of Netherlands Embassy		18-10-63
Nontaburi N Bangkok		5-11-63
Chieng-Mai; Baloretum		12-7-63
River Sang - Chieng Mai		7-7-63
Sarant Sabun - S Bangkok		5-12-63
Bang Khen - Tonburi		14-8-63
Ban Pa-Du, Klong in the Park		25-7-63
Ban Tha Tom - Udon		24-6-63
Parak river W Sana Buri		19-8-63
Patam Tani		26-8-63
Kadi Vong N Udon, Ban Tha Tom		5-9-63
Laos: Takek		9-9-63
Tak - swamp near Kitiachon-Bridge		22-10-63
Nakan Panon - "Khet Aintied"		8-9-63
Chieng Mai - Road "Kao Navarat"		27-11-63
Laos: Takek		8-9-63
Bang-bang - Bangkok - Dunt		6-12-63
Nong Tha Tom near Nakan Ratchaninua, <del>Laos</del>		3-9-63
AK-river; Puta Sang		3-9-63
Kao Teen Ped; Din Yang 64 km N Champoon		10-12-63
Ban Mark Tang N 1 near Klong Chundee		18-12-63
Thung Saengrang; Trang - rice fields		17-12-63
Ban Makok - near Chieng Mai		27-10-63
Chieng Rai	(Chieng Rai: Muang)	24-10-63
3 km S Payao		24-10-63
Nontaburi N Bangkok Ratchaninua - field, Ban Chang		18-12-63
Khalung - Nidwet; near Chantaburi		22-1-64



Kaetei

30

1 X *Eynaria trochiloides* (MARTENS)  
 2 X " "  
 3 " "  
 4 X " "  
 5 " "  
 6 X " "  
 7 " "  
 8 " "  
 9 X " "

0  
 0  
 (8)  
 0  
 (2)  
 0

10 ✓  
 4 ✓  
 9 ✓  
 10 ✓  
 5 ✓  
 10 ✓  
 70 ✓  
 10 (V)  
 5 (V)

Ban Tha Pom N Udon  
 Nanta Buri, N of Bangkok  
 5 miles S of Nakhon Sawan  
 Ban Huay near Udon  
 Nakhon Sawan, Decharitong Bridge  
 Tak - Swamp near Kitikachan Bridge  
 Bang Tung - Rice field Lopburi  
 Bang Tung - Ricefield, Ban Hua Sapan  
 Ban Poe - Ratburi Prov.

26-6-63  
 5-11-63  
 31-10-63  
 5-1-64  
 30-10-63  
 22-10-63  
 26-4-64  
 18-8-64  
 7-11-64

40

1  
 2  
 3  
 4  
 5  
 6 X *Sinotaja marteusiana* Ffild  
 7 X " "  
 8 " "  
 9 " "  
 10 " "

20 (C)  
 10 (C)

Phichit

Huai Keb C. Ta Pan Hin; Prov Pichit  
 Huai Ban C. Wang Chun - Petchabun

24-6-64  
 29-6-64

50

1 *Sinotaja ~~xyloides~~*  
 2 X " "  
 3 X " "  
 4 " "  
 5 " "  
 6  
 7  
 8 X

8  
 8 (V)  
 6 (V)  
 20  
 9 (C)

Prabur - Jarden Pucc - Saraburi  
 Lamprong - along the Road to Tak  
 1 km S Nani; → Pong - Swamp  
 Udon River; Ta Tom  
 Ban Rai - Pitsanulok

15-4-64  
 10-4-64  
 8-4-64  
 7-5-64  
 13-12-64



*Filopaludina bangalensis*  
*Bellamyia filosa* (REEVE)

Marker

9		<i>f. polygramma</i> (Kobayashi)	2T	12 ✓
60	X	<i>filosa</i> (REEVE)	A	10 (D)
1	X	"	(A)	10 ✓
2	X	"	(A)	20 ✓
3	X	"	A	10 ✓
4	X	"	(A)	20 ✓
5	X	"	(A)	10 ✓
6	X	"	(A)	20 ✓
7	X	<i>f. javanica</i> v.d. Ponder	T	60 ✓
8		<i>polygramma</i> Mearns	A	10
9	X	"	(A)	10 ✓
70	X	"	A	10 0
1	X	"	.	10 0
2	X	"	.	10 0
3	X	"	.	5 0
4	X	"	.	6 0
5	X	"	.	40 0
6	X	"	.	10 0
7	X	"	.	10 0
8		<i>filosa</i> Reeve	.	10 0
9			.	
80	X	<i>f. nepalensis</i> v.d. Ponder	A	10 (D)
1		"	.	5 0
2	X	<i>polygramma</i> v. Mearns	.	20 (D)
3	X	"	.	10 0
4		"	.	20 0
5	X	"	.	40 (D)
6		"	.	
7	X	"	.	20 0

Huai Wang Hu, Ninghai	5-9-63
Wireless Road, Bangkok	18-10-63
Sam Sen Nai - Dusit	10-10-63
Ban Khen near Bangkok	26-6-63
River Pasak, Sara-Buri	19-8-63
gravel pit near Ban Tha Bua Muang	24-6-63
Nontaburi - N. Bangkok	5-11-63
Udum Klong, Kanchanaburi Sitamarat	27-12-63
Bang Pa-in <del>Nakhon Phanom</del> Bang Pa-in - Peckajand	27-5-65
<del>Talaad; 2 km S Trang Saeng</del> Pak Pauang; Sitamarat	18-12-63
Saengkh - Hua Kwam	10-1-64
Bang Khen (Bangkok) Land Prao	23-3-64
Nakhon Uthai Si Prachakon Nakhon Pathom	25-3-64
Soi Prasamit / No. 23 - Bangkok - Bangkok	26-3-64
Swamp 14 km east of Nakhon Pathom	25-3-64
Klong Bang Lee - Tamburi	3-4-64
Klong Bang In - Bangkok - Dusit	2-4-64
Klong Bang Pen - Ban Peat - Tamburi	3-4-64
Klong along road to Tak - Lampang	11-4-64
<del>Ban Kao Sam - Udum Klong Prachakon - Dusit</del>	<del>12-9-64</del>
Chiang Mai - town west of Hotel	20-10-63
Nakhon Phanom - 7 km from Highway	15-1-65
Klong Prachakon (Klong Prem Prachakon)	9-6-64
Bang Pa - Ratburi Prachakon	2-11-64
Ban Hua Kuan - Prachakon Sitamarat	12-2-65
Prachakon - Riepeed, Ban <sup>Hua</sup> Japan, Mr. Viet-Chien Chen	18-8-64
Ban Mahad Thai - Ang Tong	10-6-65



8  
9

90

1 *Mekongia* ~~*hainanensis*~~ ~~*hainanensis*~~ LEA  
2 " " ~~*hainanensis*~~ ~~*hainanensis*~~ (3) 6

30 ✓  
6 ✓

River Parak  
~~Pinj~~

Aug 63  
7-7-63

3 X

4

5

6 X *Fallopia* *long.* ~~*hainanensis*~~ ~~*hainanensis*~~ ~~*hainanensis*~~

20 (C)  
20 ✓

Ban Yaun - Uden  
Ma Ha Thui - Ang Tong

14/12/64

8

9

100

1 X *Bellamyia* *filosa* ~~*hainanensis*~~ ~~*hainanensis*~~ ~~*hainanensis*~~

10

Chiung-Nai; town-moat opp Chiung Nai Hotel

26-10-63

2

3

4

5

6

7

8

9

*javonica* Coll. SEATO

10

Huai Sauran - Si Sakat

7-5-64

"

5 (C)

Ban Ta Tam - Muu River

17-3-65

"

5 ✓

Nong Ta Mu; Nang Rung; Pavinan

13-3-65

110

1 " *annamensis* USB

Chiung Nai; town-moat

26/10/63

2

"

Lampoon; " "

27/10/63

3

"

Mae Jo; Fithay station

9/2/64

4

5

6



7	<i>Mekongia</i>	<i>maeklongi</i>	<i>maeklongi</i>		
8					
9					
120					
1	X	<i>Mekongia</i>	<i>siamensis</i> (FRAUENFELD)	0	20 ✓
2		"	"		
3		"	"		
4		"	"		
5	X	"	<i>siamensis</i> (FRAUENFELD)	0	75 ✗
6		"	<i>forma</i>		
7					
8					
9					
130	X	"	"	0	20 ✓
1	X	"	<i>siamensis</i>	0	20 ✓
2		"	<i>forma</i>		
3	X	"	"	0	5 ✓
4	X	"	"	0	✓
5		"	"		
6		"	"		
7	X	"	"		20 ✓
8	X	"	"		20 ✓
9					
140					
1					
2					
3					
4					
5					

River Kwae Noi (C. Kanchaburi) b. Ban Noi Yai Tong	23-6-63
" " Yai "	
" " Maeklong "	
Petchaburi-River - Railway Bridge	25-10-63
River Maeklong b. Ban Tan Nuang	6-2-64
River Pong am Pa Nok Klao	13-3-64
River Maeklong, b. Ban Tan Nuang	6-2-64
River Prachin b. Kabin Guri	27-2-64
River Pong am Muat Pa Nok Klao	13-3-64
River Chao Phraya / Nakhon Sawan	11-4-64
" Pring - Wukhni Mierje	10-7-64
River Kwae Noi b. Ban Kao Pun	5-2-64
Parak-River W. Saraburi	28-4-63
River Kwae Noi N. Pichaw Lok	25-6-64
River Nam, Pichaw Lok	24-6-64



146	X	Mekongia	<del>hainanensis</del> <del>subarctica</del> (LEA)	(A) (12) 20 ✓
7		"	"	A 5 ✓
8		"	"	
9		"	"	
150		"	"	A 20 ✓
1	X	"	<del>subarctica</del> <del>morelet</del> <del>DESH</del> DESH.	(4) 20 ✓
2				
3				
4				
5				
6		Fitopaludina	javaiica	✓
7		"	"	
8	X	"	speciosa Desh. <del>sigatruana</del> LEA	10 ✓
9		"	"	
160	X	"	speciosa Desh.	20 ⊕
1	X	"	speciosa DESH.	8 ⊕
2				
3				
4				
5				
6				
7	X	"	"	10 ⊕
8				
9				
170				
1		"	hainanensis	
2		"	<del>subarctica</del> jullieni DESH	5
3		"	"	3
4				
5				

River Pasak / Saraburi	28-5-63
River Ping-Tak	22-10-63
River Chao Phraya - Nakon Sawan	11-4-64
River Ping / Chulabhorn bridge	10-4-64
River Prachin (Stung Suttang?) C. Kabin Buri	27-2-64
Mekong-River, Nakon Phanom	9-9-63

SR Farm at Ban Wang Khee - Chulaburi	10-6-65
Surin - Klong near Troop area	16-3-65
Huai Kha Yung - Muang River - Ubon	12-3-65
Huai Ta Djek - Nam Rong - Buriram	15-3-65

River Moon, Ubon Ratchaburi	7-5-64
" , Ban Tha Tum N Surin	6-5-64



176 *Melospiza haemorrhous*  
 7 " "  
 8 " "  
 9 " "

200

180  
 1 *Bellamya subciliata* Kobelt = *ciliata* Neve = *pubescens* Lea 04 ✓  
 2 " " 10 ✓  
 3 " " 07 ✓  
 4 " " 2 ✓  
 5 " " 08 ✓  
 6 " " 4 ✓  
 7 X " " 10 ✓  
 8 " " 30 ✓  
 9 " " 50 ✓

190  
 1 " " 30 ✓  
 2 X " " 06 ✓  
 3 X " " 40 ✓  
 4 X " " 06 ✓  
 5 " " 08 ✓  
 6 X " " 10 ✓  
 7 X " " 10 ✓  
 8 X " " 20 ✓  
 9 X " " 20 ✓  
 200 X " " 20 ✓  
 1 X " " 20 ✓  
 2 X " " 20 ✓  
 3 X " " 20 ✓  
 4 X " " 20 ✓  
 5 X " " 30 ✓

Parah-River - Yang Koi

2-4-65

Chiang Mai - Rampart ditch 25-10-63  
 Non-sida near Malong Ban Neao Kao; Kanchanaburi 24-2-64  
 Hwai Hu near Ban Bon Nam 40 miles S of Ratchaburi 25-7-63  
 Chiang Saen; N-Thailand 25-10-63  
 between Trat and Chantaburi 6-6-63  
 River Lue; Wang Sa Peng 13-3-64  
 Hwai Sauran - Sisaket 8-5-64  
 Ban Koro - Pathumthani 10-8-64  
 Ban Jaeng Hwai - Dan Sai 16-1-65  
 Non Te Tave, Nakhon Ratchasima 3-8-63  
 Maenam Chao Phraya; Nakhon Sawan - Bridge 30-10-63  
 Hwai Kha Yang, Prov. Udon 17-3-65  
 Lamphoon; ditch along road to Ban Pa Song 27-10-63  
 Km 40.7 slope on road to Maesaieng 29-10-63  
 Ban Nakhon near Pa-Song (Lamphoon) 27-10-63  
 Nang Rang; Buriram 15-3-65  
 Maha Thai - Ong Tong 23-3-65  
 Kao San, Udon 5-11-64  
 Non-sida / Udon 11-63  
 Ban Chiang Mai; Road ~ Kao Naverat 27-11-63  
 Ban Kam; Sunpatung - Chiang-Mai 27-11-63  
 Nong Bua; Udon 23-11-63  
 Ban Hong (Udon) 5-1-64  
 Ratchani - fields 19-2-63  
 Non-sida - Udon 12-2-64



206 *Augu byagra*  
~~*Epispa*~~ ~~*Andriales*~~ ~~*MOORE*~~ . Nov 2  
 7 " ~~10~~ 100

210  
 1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9

220  
 1 *Mekongia hainanensis* Pitong 5  
 2 " " 6  
 3 *Filopaludina* *benyaleana* ~~*truncata*~~ *flora* Reeve  
 4 X *Filopala* ~~*truncata*~~ *truncata* 20 ✓  
 5 " *multicauda* LEP  
 6 "  
 7 "  
 8 "  
 9 "

230  
 1 *Filopaludina* *varicata* *javana* *impelliana* LEP SEPTO lot 6 ✓ 16 ✓  
 2 X *Sudaja* ~~*quadrata*~~ *lecythus* Beunon 20 ✓  
 3 *Filopaludina* *varicata* 3  
 4 X " " 4  
 5

Udon Ban Tan Pom near Udon Udon River 7-5-64  
 Tan Tam : Udon River 27-8-63  
 Huai Kha Yung - Udon River 6-5-64  
 14-3-68

Rattani 23-6-63  
 Petbari - river - railway - bridge 5-10-63  
 Ban Nuang - Nakhon Sawan 27-6-64  
 Mae HT, Kanchang Prasabhi Road 21-10-69

Panom Salakam, Pns. Chaloengao 22-1-65  
 River Nam On S Ngao 24-10-63  
 Chiang Rai 25-10-63  
 Ping River w. Non Kaem 13-3-64  
 Zuphup Jua River Nam Nui, 50.5 km N Prae 9-4-64



236	<i>Flyc.</i>	<i>variata</i>	Flyc.	30
7				
8				
240	"	<i>variata</i>	Flyc.	30
1	<i>Filopodisma</i>	<i>javanicum</i>		
2	"	"		
3	"	"		
4	"	<i>sumatranum</i>	SEATO	8
5		"		
6	<i>Waltkeblidia</i>	"		
7		"		
8	"	<i>variata</i>	Flyc.	
9	"	<i>variata</i>	"	(100)
250				
1				
2				
3				
4				
5				
6	<i>Waltkeblidia</i>	<i>siamensis</i>	Metcalf	20 (V)
7	"	"	"	20
8	"	<i>roseum</i>	Waltkebl.	20 (O)
9	"	<i>siamensis</i>	Metcalf	20 (O)
260				9 (O)
1	<i>Pala</i>	<i>punctum</i>	<del>Waltkebl.</del> Des.	20 (O)
2	"	"	"	40
13	"	"	"	10
14	"	"	"	10
5	"	"	"	10

45 km N Lam Sak, tributary to Parak River (6-1-65)

Huai Mae Sot - Mae Sot 21-10-64

Boke Kuan Ni Falls - Pang Ngao 26-5-65

Mae Sot - Huai Uenang 21-10-64

Buriram, Swamp in town 5-5-64

Thunburi - Bangkok Noi - Experimental Station 17-6-64

Udon Prov.: Kao Sam 23-11-64

Lake Dong Pra - Chum Buri 20-6-65

Along behind Temp. Club Bangkok 18-6-65

~~Ban Non Sang - Udon 18 km W Udon~~ 18-8-65

267.5 km E Pak Chong, near Pang Ua 2-7-65

Dampun - town west 5-9-64

Ban Wang Kua - Chum Buri 6-10-64

Nong Taling Chum - Pibantaha 17-12-64



266	<i>Pila polita</i> DESH	30 ✓
7	" "	
8	" "	
9	" "	
270	" "	3 (✓)
1	" "	3 (✓)
2	" "	2 (✓)
3	" "	2 (✓)
4	" "	2 (✓)
5	" "	2 (✓)
276	" <i>furbinis</i> Lea	2 ✓
7	" "	1 (✓)
8	" "	3 (✓)
9	" "	1 ✓
280	" "	3 (✓)
1	" "	
2	" "	
3	" "	
4	" "	
5	" "	2 (✓)
6	" "	
7	" "	
8	" "	
9	" "	
290	<i>Pila anglica</i> Cuvandale	3 (✓)
1	" -	
2	" -	
3	" -	3 (✓)
4	" -	
5	" -	

Thailand: Udon Rattan / Mekong	8-10-64
" : Rayong	23-1-64
" : Kabin Buri	27-2-64
" : Tai Bo / Mekong	27-6-63
" : Ban Nong Tsubo / Udon	22-6-64
" : Udon : Ban Ta Tom	27-6-63
Pibun. <del>Bany Praha - Chumpon</del> Uong Chala	13-12-64
Ban Koh Sa Ton - Udon	14-12-64
Uue Saung -	6-2-64
W Laen Sing - Uentaburi	16-11-64
Bany Laek N of Chumpon	20-5-63
Ban Kaem - Udon	14-12-64
Ban Koro - Pitsoadok	10-8-64
Lampang: swamp 3 sold. Taling St.	5-9-64
Nong Taling Chum - Pitsoadok	27-12-64
Ban Nong Jaeng - Pitsoadok	13-12-64
Cheng Tong - Rice field Hua Sapan	9-8-64
Wat Pinn Mat Sop Ben	9-4-67
Cheng Tong - Mahathai	15-4-65



296	<i>Pila</i>	<i>pernei</i>	MORLET		5 ✓
7					
8					
9					
300					
1	"	<i>begini</i>	MORLET		40
2	"	<i>pernei</i>	"		50
3	"	<i>pernei</i>	MORLET		100
4					
305					
6	"	<i>pernei</i>	MORLET		
7	"	"	"		100
8					
9	"	"	"		
310	<i>Bitheyaia</i>	<i>geniophalax</i>	MORLET		1000 ✓
1	"	"	"		500 ✓
2	"	"	"		500 ✓
3	"	"	" <i>aff. laevis</i>	4	50 ✓
4	"	"	"		20 ✓
5	"	"	"		50 ✓
6	"	"	"	17	20 ✓
7	"	"	"		20 ✓
8	"	"	" <i>aff. laevis</i>	2	20 ✓
9	"	"	"	A	10 ✓
320	"	"	"		8 ✓
1	"	"	" <i>aff. laevis</i>	3	20 ✓
2	"	"	"	4	20 ✓
3	"	"	"	A	100 ✓
4	"	"	"		20 ✓
5	"	"	"		20 ✓

Maai So - Pw. Chiang Mai	8-8-64
Ranong	
Wang Rong - Burinam	14-3-65
Maai So, Pasakiti Road -	26-10-64
Phuket	
Maai So - Chiang Mai - Fish. Dep.	9-9-64
Maai So - Chiang Mai	
Udon B. Udon Thani	May 63
Bong Bua "	"
Ban Phan Man "	to July 63
Takong river (Maueuei Man) west of Ratchaninua	Huai Taboo 16-7-63
Wang Sai - Udon Thani	July 63
Non Hin - Udon Thani	May 63
Ban Tai Tom N Udon	27-6-63
Udon - Ratchaninua	10-8-63
Pk. river, Put-Song	5-9-63
Wang Bua Lamphu	27-6-63
West of Wang Koi	28-6-63
Pa Tong - Chai W Ratchaninua	25-7-63
Friendship Road - km 234 - west of Koiak	15-7-63
Ban Kham Hor - Mukdahan	8-8-63
Pak Song - Udon - Thani	7-63
River Loei (Pann), Wang Sa Paung	13-3-64



326	<i>Pityuia gonionphalus</i> (MORELET)		SV	
7	"		TV (A) ✓	✓
8	"		50	
9	"		6	
330	"		20	
1	"	<i>laevis</i> (Morelet)	20	
2	"	"	20	
3	"	"	10	✓
4	"	"	20	
5	"	"	A 30	✓
6	"	"	20	✓
7 X	"	<i>gonionphalus</i> (~)	20	✓
8	"	<i>laevis</i>	9	✓
9	"	"	20	✓
340	"	"	20	✓
1	"	<i>fenestrata</i> Walker	10	✓
2	"	"	T (A2) 25	✓
3 X	"	"	(A1) 50	
4	"	"	(A2) 30	
5	"	<i>laevis</i>	10	✓
6	"	"	20	✓
7	"	"	23	✓
8	"	"	30	✓
9	"	"	20	✓
350 X	"	"	20	✓
1	"	<i>gonionphalus</i> Morelet	8	✓
2	"	"	100	✓
3	"	"	20	✓
4 X	"	<i>laevis</i>	20	✓
5	"	"		

Swamp by Road out of Chachong	15-5-63
Yothanimit / Udorn	9-11-63
Non Sida / Udorn	18-2-64
Nong Bua 125 km Kon Kaer	13-3-64
Kon Kaer, Teak 3 km W	13-3-64
Bangkok - Petburi Road	4-12-63
" - Uakasein	4-12-63
Talaud; 2 km S Tung Song	17-12-63
Singha - near Airfield	18-12-63
<del>Bangkok - Bangkok</del> Road Nong Kae, Saeburi	17-4-64
Tumburi - Paniraein - flower farm	22-3-64
Friendship Road Km 225; 45 km W Korat	3-9-63
Yeruen near Nong Kae - Tumburi	23-3-64
Land Prao - Bang Khen / Bangkok	23-3-64
2 km W Pak Phanang	12-12-63
Dampoon: along road to Pa-Song	27-10-63
Ban Makok near Dampoon	27-10-63
Ban <del>Kang</del> Supatong - Chiang Mai	27-11-63
Ban Wen - Mang Dong - Dist. Chiang Mai	27-11-63
Swamp near Nahin Chai Si - 38 km W Tumburi	25-3-64
<del>along road to</del> Ban Suhothai - Pra Tent Tempel	7-4-64
Ban daen - Tumburi	3-4-64
Ban Nui - Lopburi	23-4-64
Singburi, in front of hospital	22-4-64
Ban Pae - (Prov. Rattburi) near District Office	7-11-64
Lum Hwai Wad. Ban Mang Dong	9-3-64
Ban <sup>Non</sup> Song - Udorn	15-3-64
Baniraein, swamp in town	5-5-64
Malaya: Batu Caves	5-5-65



356	<i>Bithynia laevis</i> (Murelet)		30	✓
7	"		20	
8	"		20	
9	"		10	
360	<i>Bithynia "laevis" MOR.</i>	22	0	10v
1	"	21	0	10v
2	"	20	(72)	8v
3	"	19	0	10 ✓
4	"	18	2	20 ✓
5	"		0	10
6	"	17	0	20
7	"	16	0	20
8	"			5 ✓
9	"	15		9 ✓
370	<i>Wattledia croceana</i> WATTERLED		0	1000 ✓
1	"		(2)	X ✓
2	"			10 ✓
3	"	" siamensis Muf.		2 ✓
4	"	"		6 ✓
5	"	"		10 ✓
6	"	" siamensis	(3 25)	(3 20 7) ✓
7	"	"		20 ✓
8	"	" siamensis		5 ✓
9	"	" siamensis" Moeller		12 ✓
380	<i>Bithynia siamensis</i> (LEA)			20v
1	<i>Hydrobioides dachyuberis</i> Walker	1		0 10v
2	"	2	(27)	0 20 ✓
3	"	3	(27)	0 20 ✓
4	"	4	(73 24)	0 10 ✓
5	"	5	(27)	0 10 ✓

Bangkok - Rama V - Road	11-11-63
Tomburi - Wat Chanpradit	8-11-63
Nang Rannabak - Chumpon	14-12-63
Kao Yoi - Petburi	10-12-63
Tomburi - Parichasain	26-6-63
Nin-Dang Street - Bangkok-Durit	16-7-63
Bang Hai, Bangkok	26-6-63
Cynthia, Rama V	26-7-63
Bangkok - Bangkok - Sam-Sen <del>Mark</del>	9-10-63
Don Maung - Bangkok	Aug 63
Bangkok - Durit, 5 Sam Sen Neri	10-10-63
<del>Bangkok - Sam Sen Neri</del> Suranburi - Klong Khamuang	26-9-63
Ban Pra Lake - Chumburi	17-5-63
Wat Evedunaisongtum / Tomburi	8-11-63
Noniet near Udon Thani	May 63
Ban Hony " "	30 Oct 63
<del>Bangkok - Sam Sen Neri</del> 6 km W Lampang	6-9-64
Tachong river, Ban Kao Tian	25-7-63
2 km S Lampang	26-10-63
Nong Ban Lampon west of Udon	27-6-63
Bangkok - Durit - Rama V - Road	9-1-64
Nong Ban, 25 km W Kham Keen	13-3-64
Swamp 3 km S Klong Chandi - Nakon Si Thammarat	19-12-63
<del>Bangkok</del> Ban Kham Sri - Tomburi	8-10-64
River Ping near Chiang Mai	Aug 63
Chiang Mai, swamp near town wall	12-7-63
Lampoon, Klong along road to Pa Song	6-8-63
Ban Makok, near Lampoon	27-10-63
Soaptea near Chiang Mai	27-10-63
Mae Tam near Phayao	29-10-63
	26-10-63



386 X	<i>Brithygaia</i>	<del>naumanni</del> <sup>laevis (aff. naumanni)</sup> <del>Walsh</del>	100
7	"	naumanni	(72) 20 ✓
8	<i>Hydrobia</i>	<i>daubenbergi</i> Walther	6 20
9	"	"	7 5 ✓
390	"	"	8 20
12	"	"	9 (20)
28	"	"	16 (20)
3	"	"	11 20
4	<del><i>Brithygaia</i></del>	<del>naumanni</del> / deal	17 50 ✓
5	"	<i>daubenbergi</i> Walther	12 10 ✓
6	"	"	13 5 ✓
7	"	"	14 20 ✓
8	"	"	15 20
9	"	" (Fitzinger No. 986)	16 20 ✓

400	<i>Brithygaia</i>	( <i>Gabbia</i> ) <i>wykesi</i> Brauer	10 ✓
1	"	"	10
2	"	"	20 ✓
3	"	"	x ✓
4	"	"	x ✓
5	"	"	x ✓
6	"	"	10 ⊙
7	"	"	10 ⊙
8	"	"	20 ⊙
9	"	"	5 ⊙

410	<i>Walleblebia</i>	<i>naumanni</i> Uelhoff	5 ✓
1	"	<i>roseana</i> Walker	6 ✓
2	"	"	18 ✓
3	"	<i>naumanni</i> Uelhoff	20 ✓
4	"	"	3
5	"	<i>roseana</i> Walker	50

File 256

Pratum Thawi	Aug 63
Town-moat - Chiang-Mai - opposite Chiang Mai Hotel	28-10-63
2 km S Nakon Sawan	31-10-63
River Nam On - Ngao	25-10-63
2 km S Lamphang	25-10-63
Ban Klang - Supatong - Chiang Mai	27-11-63
Ban Wan - Klang Deng - "	27-11-63
Chiang Mai - Gao Navarat Road	26-11-63
<del>Lampoon - Nampant-ditak</del> Ban Koso / Pitamulok	10-8-64
Tulchun Village - Nam District	8-4-64
Sukho Thai - Pra Tat Temple	7-4-64
Lampung, in front of Pengawat School	10-4-64
Sukho Thai: in front of Wat Traiphumong	7-4-64
Mae Hong Bridge 45 km NW Toei	5-9-64

Ban Non Tra west of Ratchaburi	25-7-63
Ratchaburi, km 143 of Bangkok	10-12-63
Tomburi - Panichasari	5-64
Banghwa - Duang, Sam Sen Nak	16-16-63
" - Banghapi Sam Sen Nak	9-10-63
8/9 km S Nakon Sawan	30-10-63
Ban Chung Klang - Pitamulok - Dist. Uman	13/12/64
Luhong - Tomburi	8-11-63
3 km S Chonburi	10-6-64
Lampun - town-moat	4-9-64
Kang Sa Wang 22 km W Non Kae	13-3-64
between Ban Rat u. Ban Pak Pu (Kae)	11-3-64
1 km S Non	9-4-64
Thunburi: Ban De Lane	5-4-64
Ubon River - Ubon	7-5-64
Ban Non Sang - Udon	9-5-64



416	Stenothyna	blanfordiana	NEVILL	20 ✓
17	"	monilifera		20 ✓
8	"	blanfordiana	NEVILL	1
9	"	"		10
420	"	"		6
1	"	"		30 ✓
2	"	"		20 ✓
3	"	monilifera	BENSON	30 ✓
4	"	"		20 ✓
5	"	"		30
16	"	"		30 ✓
17	"	"		30
8	"	"		15 ✓
9	"	"		35 ✓
430	"	"		
11	"	"		30 ✓
12	"	"		20 ✓
3				50 ✓
4				
5				
6	Stenothyna			(2)
7	"			
8	"			(3)
9	"	dumiana	watbled	
440				20 ✓
441	Pachydroma	(Hydroornis)		
2	"			
3				4
4	Hydroornis			
5	"			

Takung-River - Ratchasima	25-7-63
Rama V Road - Bangkok - Dusit; Klong Premprachakorn	8-1-64
Museum Loei; 2 km S town	13-3-64
River Lam Choen	13-3-64
" Nuea Noi Hwai Ka Yang	18-3-68
" Muam, Ubon Ratchatani	7-5-64
" Muam, Tha Tam	6-5-64
Klong Bang Sue Noi - Bangkok - Dusit	26-3-64
Klong Sam Sen - " - Water Supply Station	26-3-64
Klong <del>around the Troop Area</del> <del>Dusit</del>	31-3-64
Klong Bang Su	31-3-64
<del>Klong around the Troop Area, Dusit</del>	
<del>Rama V Road, Bangkok, Klong Premprachakorn</del>	2-4-64
Tomburi - Klong Bang Pra	3-4-64
" : Klong Toiy - Bang An	3-4-64
" : Klong Bang An, - Bang An (C)	3-4-64
" : Klong Bang Plei, Bang Plead	3-4-64
" : Klong Bang Rang, Bang Plead	3-4-64
" : Klong Bang Pichan	18-5-64
Tomburi	26-6-63
Klong Premprachakorn	
Ban Kham Sri	4-1-65
Klong Premprachakorn, The Tuff Club	9-1-64
Klong Bang An, ; Klong Bang Sue Noi	26-3-64
Klong Sam Sen	26-3-64
Klong Premprachakorn, Near Troop Area	31-3-64
Klong Bang An, Tomburi	3-4-64



446	<i>Pachydrobia paradoxa</i>	CROSSE & FISCHER sp	10	10	✓
7	"	"			
8	"	"		10	✓
9	<i>Cyclohydra carinata</i>	Lee		10	✓
450	<i>Hydrozoaria</i>			52	
1					
2					
3					
4	<i>Cyclohydra carinata</i>	Lee		20	✓
5	<del><i>Cyclohydra carinata</i></del>	<del>Lee</del>			
6	"	"	20	20	✓
7	"	"		20	✓
8	"	"			
9	<i>Jullienia nodulosa</i>	Poirier	20	10	✓
460	<i>Jullienia</i>	"	20	20	○
1	<i>Pachydrobia parva</i>	Lee (Lee)	TV	20	✓
2	"	"	A	6	✓
3	"	"	A	2	✓
4	"	"		10	✓
5	"	"		20	✓
6	"	"		20	✓
7	"	"		20	5 ✓
8	"	"		20	✓
9	"	"		20	✓
470	"	"		20	✓
1	<i>Amphioxus (Antimelania)</i>	dautzenbergi MORLET		3	✓
2	"	"		46	○
3	"	"		40	○
4	"	"		3	○
5	"	"		10	○

River Kwae Noi near Kanchana Buri	24-6-63
Mae River - Huen Ka Yung	18-3-65
Klong Bang Lu - Noi - Tamburi	18-6-64
Klong Bang Sue Noi - Bang Lu - Dunt	4-6-59
Bang Sue - Naban on Klong Premprachakorn	4-5-64
Klong Sam Sen, Bang Lu - Water Supply Station	26-3-64
Ban Klong Bang Sue Noi - Bang Lu	24-3-64
Bang Lu - Tamburi	14-5-64
River Mun, Phra Thuan	2-5-64
River Mun - Ubon	11-2-63
Bang Lu - Dunt; Rama V. Road - West Klong (Opp <sup>Klong Premprachakorn (km) level</sup> <sub>Thung</sub> )	16-1-64
" " " " - east "	15-1-64
" " " " - east "	15-1-64
" " " " - east "	26-3-64
" " " " - east "	26-3-64
30 km W Tamburi Swamp near Nakhon Chaisi	25-3-64
Klong Song near Nakhon Chaisi	25-3-64
Klong Bang Lu - Bang Lu - Dunt	2-4-64
Klong Premprachakorn - Bang Lu - Dunt - North	31-3-64
Klong Bang Sue, Bang Lu, Tamburi	3-4-64
Sai Yok	4-2-64
Tributary to River Nam Ni 50.5 km No Pore	2-4-64
River Nam Ni 47 km No Pore	4-4-64
Huen Kao Phuang b. Kao Phuang / Prov. Prae	26-6-64
Huen Rai - Station Huen Rai - Prov. Prae	26-6-64



476 X *Brotia variabilis* BENSON 0 10 ✓  
 7 " " → 3  
 8 " " 0 3 ✓  
 9 " " → 5

480

1 *Paddy dudia parwa tea* 20 ✓  
 2 " " 4 ✓  
 3 " " 30 ✓  
 4 " " 50 ✓  
 5 " " 17 ✓  
 6  
 7  
 8  
 9

490

1 X *Brotia pseudoculcospira* n. 6 ○  
 2 *Brotia (Brotia) pagodula* 20 ○  
 3 X " " 10 ○  
 4 X " " ○  
 5  
 6 X " *lymba Raf.* 5 ✓  
 7 X " " 4 ✓  
 8 " *lymba Raf.* 7 ✓  
 9 " " 10 ✓

500

1  
 2 " (*antimelania*) *danggenbergi* 10 ✓  
 3 " "  
 4 "  
 5 " *siamensis* Brot 60

River Sing 60 Km N Chiang Mai 10-7-63  
 " " Within bridge 5-7-63  
 " " Kitiachan " near Tak 23-10-63  
 " Kwae Noi - Candamaburi 5-2-64

Rgt Dunt Klang Drenprachabun - Jeshuman Bridge 2-4-64  
 Rgt " " Klang around Troop Area 2-7-64  
 Thonburi - Klang Bang Plei; Bang Pleat 3-7-64  
 Bangkok - Chao Praya - Namasi Bridge 3-7-64  
 Thonburi - Klang Bang Chak 24-5-64

Wang Nok Wang Aen - Pibanglaka 10-7-65  
~~Klang~~ <sup>Gaen</sup> Song W Lam Sak - 50 Km N Pibanglaka 7-4-64  
 Klang Thulo <sup>Sopa Fall</sup> ~~50 Km N Pibanglaka~~ 6-4-64  
 Toay Ta Wei Fall O Pibanglaka 24-6-64

River Kampa W Pattaung 17-12-63  
 " Kel W " 12-12-63  
 Bth-Ka-Ra-Nee Falls, Pang Nga 15-7-64  
 "New Mine" Valley near Yala 19-7-64

Mae Poon Falls, Lal Lae 26-6-64  
 Pa Ko - Mae Son River (Dome) 4-2-64

Nam Ynam at Mae Sariang 6-9-64



506	Melanooides	subserulata	MÜLLER	12	20	✓
7	"	"	"	②	10	✓
8	"	"	"		10	
9	"	"	"		15	
510	"	"	"		8	✓
1	"	"	"	②	15	✓
2	"	"	"		10	✓
3	"	"	"		10	
4	"	"	"		15	
5	"	"	"		20	✓
6	"	"	"		20	✓
7	"	"	"	11	12	✓
8	"	"	"		8	✓
9	"	"	"		10	✓
520	"	"	"		10	✓
1	"	"	"		10	✓
2	"	"	"		10	✓
3	"	"	"		10	✓
4	"	"	"		18	
5	"	"	"		20	✓
6	"	spec	"		40	✓
7						
8						
9						

520	1	Bushia	curvata			
	2	-	-			
	3	-	-			
	4	-	-			
	5			12	②	

River Nam On	S. Ngao	24-10-63
River Ping	40 miles W of Chiang Mai	10-7-63
River Takong	Naken Ratchanirua	26-7-63
<del>Hu</del> <del>Jangation</del> <del>beul</del> <del>near</del> <del>Hu</del> <del>Hu</del> <del>Hu</del>	<del>Hu</del> <del>Hu</del> <del>Hu</del>	<del>4-10-63</del>
Muak Lek	E of Sara Buri	27-7-63
Chiang Mai	town moat	28-10-63
2 km S	Tung Song	17-12-63
Pattani River	35 km S Yala	16-12-63
Klong by Rawa	Rd - Bangkok	11-11-63
Ding - Daeng Road	- Bangkok - Dent	10-1-64
Pitsanulok	" " "	13-1-64
Ayutthya	Rama Park	29-1-64
River Kwae Yai	bridge	5-2-64
Bang Phra	Station - Chulabhorn	14-11-63
<del>Pa Noh Khas</del>	- river Pong <sup>Peklabur</sup> <del>Hu</del> <del>Hu</del> <del>Hu</del>	<del>28-6-64</del>
SAI YOK		4-2-64
Nakhon Chai Si		25-3-64
2 km W	Pak Panang	18-12-63
<del>Klong Bang Sue</del>	<del>(Dent)</del> Nakhon Chai Si	<del>25-3-64</del>
Klong Premprachakorn	; Bangkok - Dent	31-3-64
Si Ayutthia Road	; Klong around Royal Palace Garden	1-4-64

Malaya: Kelah Hup Sui Ko Batu Tnjsh 20-7-63



536	Melauoides (Stenomelania) ( <i>brunnescens</i> (TAYLOR) <sup>housei Lee</sup> )	100
7	"	100
8	"	100
9	"	10
540	"	10
1	"	100
2	"	20
3	"	20
4	"	100
5	"	

~~Paludomus~~ ~~calis~~ ~~sub~~ ~~per~~ ~~indiana~~

550		
1	Melauoides fulvulata Mill	60
2	Stenomelania housei Lee	200
3		
4		
5		
6	Parbia ? baccata fould	100
7		
8		
9		

560		
1	Actinmelania	
2	"	120
3	"	
4		
5	Parbia gumpua abun	20

River Huai Hu, N Udorn	26-6-63
Klong Kurnang, Supan Buri	24-9-63
San Sen Nok, Bangkok	9-10-63
Mun River - Ubon	8-5-64
Korung 30 km S Ten Buri	26-3-64
Mun River - Ta Tam	7-5-64
Si Srahet, Huai Samran	7-5-64
Ban Huai Yang, N Sara Buri	13-6-64
Ban Pae - District Office Pw Patburi	8-11-64
River Pong, Pa Nok Khao	13-3-64

Klong Ban Na - ~~the~~ Udon Nayak 17-6-64  
 11 km W Kerat 1-4-65

Udon Mae Samot n. Pa Bong 15 km S Mae Hongson 11-9-64

Huai Hin Fun - Mae Sot	
Huai Hin Ton - Mae Sot	21-10-64
Mae Mae Yuan - Mae Sot	7-8-64







596 Melanoides spec. 30

7 " 100

8

9 X <sup>cosmopolit</sup> ~~from a~~ <sup>from a</sup> ~~specimens~~ <sup>specimens</sup> 100

600 "

1 Paludomus ~~petus~~ <sup>petus</sup> or

2 " unata <sup>Senon</sup>

3 " "

4

5

6 " 10 ✓

7

8

9

610

1 Ferrus afer L 20

2 " " 10

stream Mae Ka, Chiang Dao 11-7-63

River Nam On S Ngao 24-10-63

Nam San near Ban Saeng Hai; Dan Sai Dist. 16-1-65

Pako - River Mae Som (Prue) 4-9-64

Pako - tributary to Mae Som (Prue) 4-9-64

Bang Pra lake, Chumburi 24-1-64

~~Bang Pra lake~~ Ban Lak Ble; opp. Sankla 20-7-64

Nanakwat; Chumay 18-7-64



626	<i>Thiara</i> ( <sup>Plana</sup> <del>Thiara</del> )	aff. <i>Yonna scabra</i> Mull	10	⊙
7	"	"	10	v
→ 629	"	"	70	v
→ 8	"	"	(2) 10	⊙
30	"	"	8	⊙
1	"	"	6	v
2	"	"	10	v
3	"	"	10	
4	"	"	4	v
5	"	"	3	⊙
6	<i>Malacoides</i>	( <del>condita</del> ) <i>jugicincta</i> Reuss?	10	v
7	"	"	10	v
8	"	"	15	v
9	"	"	4	15
640	"	<i>jugicincta</i>	20	
1	"	"	10	⊙
642	"	"	6	v
3	"	"		
4	"	"		
5	"	"		
6	<i>Thiara</i>	<i>scabra</i> Müller	6	⊙
7				
8				
9				
650				
1				
2				
3				
4				
5				

Muak Lek east of Sara Buri	26-7-63
Nam Ou - River S Ngao	24-10-63
Klong along Rama V Road, Bangkok	11-11-63
River Ping 40 miles N of Chiang Mai	11-7-63
College of Education - Sri 23 - Bangkok	26-3-64
Bangkok - Dunt - Klong around Troop Area	31-3-64
Phu Sing 16 km N Nam	8-4-64
Tributary to river Klong Thi 5.5 km N Prue	5-4-64
Yonn River, 41 km S Ngao	9-4-64
Klong Wang Chuan Pan - Klong Nua	24-6-64
Muak Lek, east of Sara Buri	26-7-63
<del>2 km S Trung Song, Ti Wang Village</del>	<del>16-12-63</del>
Klong Yai - Rayong	24-1-64
<del>Stream near Mt. Jebelakum Bangkok - Zoo</del>	<del>20-3-65</del>
Bangkok - Dunt; Sri Cynthia Road, Klong around Palace - Garden	7-4-64
Klong Prampachakum opp. Troop Area	2-4-64
Klong Bang Oun - Theaburi	3-4-64
Huai Hin Fon - Mae Sot	21-10-64



656	<i>Clea (Amentoma) gaudouana</i>	(MABILLE x 100
7	"	" " (LE MESLE) 100
8	"	" " " 100 (V)
9	"	" " " 50
660	"	" " " 100
1	"	" " " 20 (V)
2	"	" " " 5 (V)
3	"	" " " 2 (V)
4	"	" " " 3 (V)
5	"	" " " 3 (V)
6	"	" " " 4 (V)
7	"	" " " 9 (V)
8	"	" " " 5 (V)
9	"	" " " 10
670	"	" " " 8 (V)

1	<i>Melanoides spec.</i>	20 (V)
2	"	10
3		
4		
5		
6		
7		
8		
9		

680	<i>Clea (Amentoma) gaudouana</i>	(MABILLE et de Mele) 8
1	"	" " " 5 (V)
2	"	" " " 8 (V)
3	"	" " " 10 (V)
4	"	" " " 3 (V)
5	"	" " " 10 (V)

River Takong - Ban Hui Takso	25-7-63
Betburi river - patch - dam	8-8-63
Huai Noh Ba Uei NW Candanaburi	21-6-63
Huai Luang N Udorn	25-6-63
Muak Lek east of Sara Buri	27-7-63
Ban Haoy near Udorn	5-1-64
Swamp at the road to Nakhon Pathom, 30 km W Tamburi	25-5-64
Klang Bang Su Noi - Bangkok - Dunt	26-3-64
Klang Bang An, Tamburi	3-4-64
Klang Tai Wini, "	3-4-64
Klang Pra Pa; Bangkok - Dunt	31-3-64
Pukair - Arboretum N Sara Buri	22-4-64
Singburi; in front of hospital	22-4-64
Udon River - Udon	7-5-64
Huai Samran - Sisaket	7-5-64

Ban Pra Lake	17-5-63
River Pak west of Pattalung	17-12-63

Udon River - Ta Tam	6-5-64
Buriram, swamp in town	5-5-64
Sapan Yai, 2 km S Bang Pae, Prov. Pathum	8-11-64
Nakhon Pathom, 12 km W town	25-7-63
Huai Ta Chek - Buriram Prov - Klang Klang	13-3-65
Bang Pa-in - Palace garden	31-5-65



686 *Melanoides nigropalustris* Stalder

7 " "

8 " "

9 " "

690 " "

1 " " 20 (✓)

2 " " 20 (✓)

3 *Neritina* *obesa* Lamour

4 " " 20 (✓)

5 " *djadjanensis* Lamour 10 (✓)

6 " " 20 (✓)

7 " " 20 (✓)

8 " " 20 (✓)

9 " " 20 (✓)

700 " " 20 (✓)

1 " " 20 (✓)

2 " " 20 (✓)

3 *Neritina* *violacea* Lamour 50 (✓)

4 " " 20 (✓)

5 " " 20 (✓)

6 " " 20 (✓)

7 " " 20 (✓)

8 " " 20 (✓)

9 " " 20 (✓)

710 *Neritina* (*Urtroidea*) *variegata* Lamour 100 (✓)

1 " " 20 (✓)

2 " " 20 (✓)

3 " " 20 (✓)

4 *Clithon* (*Pictenerita*) *malacum* Lamour 100 (✓)

Klang Chandi; near Railway Bridge 18-12-63

Pi Wang Village 3 - Tung Song 17-12-63

Huai Na Tau Klong N Pramburi 4-10-63

River Pong au Pa Nok Kao 13-3-64

Swamp S Sri Racha - Chemburi Pond 10-6-64

Bandun - Kirirat 15-7-64

Mauncun Kirirat - Bandun 15-7-64

Klang Brang Nara - Naraivat 18-7-64



716	<i>Dudoplaorbis exustus</i>	DESH	(1) 10
7	"	"	(2) 10v
8	"	"	10v
9	"	"	10v
720	"	"	10v
1	"	"	(2) 10
2	"	"	10v
3	"	"	(2) 12
4	"	"	10
5	"	"	10 (V)
6	"	"	20 (V)
7	"	"	10 (V)
8	"	"	x
9	"	"	x (V)
730	"	"	(2) 20
1	"	"	(2) 8v
2	"	"	(2) 12
3	"	"	(2) 12
4	"	"	(2) 20v
5	"	"	10v
6	"	discarded (HARLEI)	10v (V)
7	"	"	10
8	"	"	10 (V)
9	"	"	10
740	"	"	20
1			
2			
3			
4			
5			

12 km N Phukit	13-12-63
<del>Long Ban</del> Lampun west of Udon Thani	<del>27-6-63</del>
Lake Bang Prae near Chon Buri	17-5-63
Tonburi: Hong Udon Ueng, Rajawithi Road, Bangkok	25-6-63
Tonburi Hong Udon	27-6-63
Chiang Mai, Lubretan	12-7-63
Uong River Jing - Chiang Mai	12-7-63
Hong Bue near Chiang Mai	6-8-63
Ban Makok - District Lumpoon	27-10-63
<del>Bo</del> Mae Tam near Phayao	24-10-63
Sau-Sau Nai, Bgk-Dunt	10-10-63
Ban Soaptea (Dist. Chiang Mai)	29-10-63
Rampant dithe - Chiang Mai	25-10-63
8/9 km S Nakhon Sawan	30-10-63
Nakhon Sawan - Antakasi Road	30-10-63
Lampun 2 km cont	26-10-63
km 40.7 road to Mae Sariang	29-10-63
Lampoon; rampant-dithe	27-10-63
km 40. Chiang Mai - ramp opp. rampant dithe	6-8-63
Chiang Mai, Tamn Yao Navarat	26-11-63
Kao Teen Ped; Don Yang; 64 km N Lumpoon	10-12-63
Ayuthia, Rama Park	16-8-63
Nam Tok N Uantaburi	5-2-64
Chiang Saen	25-10-63
Lad Prao Bang Khen Bangkok	23-3-64
Talaban Village, Nan Prov	8-4-64



✓ 746	<i>Trochorbis trochoides</i>	BENSON	● 7 ✓
✓ 7	"	"	0 10 ✓
✓ 8	"	"	(20) 10 ✓
9	"	"	20 ✓
750	"	"	20 ✓
✓ 1	"	"	(2) 20
✓ 2	"	"	(2) 20
3	"	"	20 ✓
4	"	"	20 ✓
5	"	"	20 ✓
✓ 6	"	"	10 ✓
✓ 7	"	"	10 ✓
✓ 8	"	"	10 ✓
9	"	"	20 ✓
760	"	"	20 ✓
1	"	"	20
2	"	"	10 ✓
3	"	"	10 ✓
4	"	"	
5	"	"	

6	<i>Helicobis umbilicatus</i>	Benson	10 (u)
7			
8			
9			

770			
✓ 1	<i>Helicobis umbilicatus</i>	Yokum	0 2
2	"	"	20 ✓
3			
4			
5			

Ban Kluen B. Ton Buri	26-6-63
Pracharat Road - Bangkok-Dusit	18-7-63
Phayathai " " "	18-8-63
Bangkok - Prakanong; Sri Nana	18-10-63
" - Pratumwan; Phayathai-Road	11-11-63
Ban Kluen, road to Nimburi	13-11-63
Nimburi	13-11-63
Ban Song - Bangkok-Dusit	27-11-63
Ban Anu - Bangkok-Nri - Tamburi	27-11-63
Bangkok - Makasam	4-12-63
Sri Wit Anum; Bangkok - Dusit	16-1-64
Bangkok - Ding Dan Road	14-1-64
flower farm; Tamburi Paricharam	20-3-64
Bang Son - Dusit - Bangkok	31-7-64
Bang Kluen Sri - Tamburi	16-4-64
Bangkok - Nri / Tamburi - swamp in Experimental Station	17-6-64
Lampang; in front of "3 Soldiers Filling Station"	6-9-64
" ; 6 Km W of town	6-9-64

Vientiane (Laos) National Stadium 17-12-64

Chiang Mai - ditch along road "Go Navaat" 27-11-63  
 2 Km S Chemburi 14-11-64



✓ 776 *Helicorhis umbilicata* (BENSON)  
 7 *Polypylis hemisphaerula* (BENSON)  
 8 " "  
 9 " "

(3) ✓  
 20 ✓  
 5 ✓

Klong by Sracharat Road, Bangkok - Dunt 16-7-63  
 Non Pan Lamphu west Udorn Thani 27-7-63  
 Ayutthya - Rama Park 16-8-63  
 Bangkok - Bangkok 18-8-63

780  
 1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9

790  
 ✓ 1 *Zycaulus convexusculus* (HUTTON)

(2) 10 ✓  
 10 ✓  
 (2) 10 ✓  
 ✓ 10 ✓  
 (2) 10 ✓  
 10 ✓

✓ 2 " "  
 3 " "  
 4 " "  
 ✓ 5 " "  
 ✓ 6 " "  
 7 " *convexusculus* Hutton  
 8 " "  
 ✓ 9 " *depressus* Hutton *confusus* Robelonne

Ban Uen near Bangkok 25-6-63  
 Klong by ~~Sracharat Road~~ <sup>Ding Den - Road</sup> Bangkok - ~~Ding Den - Road~~ 27-7-63  
 Chachoeng Sao; swamp near irrigation ditch Takhai 14-11-63  
~~Bangkok - Bangkok~~ Bangkok - Bangkok 18-8-63  
 Chachoeng Sao, swamp near Klong Takhai 14-11-63  
 Ayutthya, Rama Park 16-8-63  
 Bangkok - Prakanung; Si Uena 18-10-63  
 " - Yamawa; Mahamak - Field 18-10-63  
 " - Prakanung; Nyaikai - Road; Chualongkorn Univ 18-11-63  
 Bang Kra; Chachoeng Sao 14-11-63

800  
 ✓ 1 " "  
 12 " "  
 13 " "  
 ✓ 14 " "  
 15 " "

(2) 20 ✓  
 7 ✓  
 (2) 20 ✓  
 15 ✓  
 10 ✓  
 (3) 10 ✓

Bangkok - Prakanung; Chulalongkorn Univ. 16-1-64  
 Plakhet of Plakhet 12-12-63  
 Si Uat Kraun. Bangkok - Dusit 16-1-64  
 Chulalongkorn University Klong Saen Noi area <sup>Dunt</sup> 18-8-64  
 Bangkok - Dunt - Ding Pan Road 14-1-64



806	<i>Zizania convexiuscula</i> (HUTTON)	10
7	" "	10 ✓
8	" "	10 ✓
9	" "	10
810	" "	10 ✓
1	" <i>depressus confusus</i> Roche Brune	
2	" "	5 ✓
3	" <i>convexiuscula</i> Hutton	10
4	" "	10
5		
6		
7	" <i>confusus</i> Roche Brune	10
8		
9		
820		
1	<i>Radix siamensis</i> Lea subsp. nov.	5
2	"	
3	"	
4	"	
5	"	100
6	"	
7	"	0/100
8	"	
9		
830		100
1	"	
2	"	A 20 ✓
3		
4		
5		

Klong at School of Trop. Med. Bangkok	13-8-63
Uon Khum Tamburi	27-7-63
Klong at Prachet Road, Bangkok - Dunt	16-7-63
Ban Kun-Tian near Tamburi	27-7-63
Tamburi - Barrichanon	20-3-64
Prachet Road - Bangkok - Dunt	16-1-64
Ret Burma / Tamburi	20-3-64
Ban Kair n. Tamburi	23-3-64
Garden near Ban Kair - Tamburi	23-3-64
Nontaburi - irrigation - department	23-3-64
Chiang Mai - Kasapat ditch, Ming Den Road, Bangkok	7-8-63
Uon Khum - Tamburi Chiang Mai, Kasapat ditch	6-7-63
Pakun Tauri	May 63
Sam Sen Nai, Bgh - Dunt	10-10-63



836	Radix spadiosa MORELET	0 10'
7	"	0 10v
8	"	0 20x
9	"	(2) 40
✓ 840	"	(2) 08v
1	"	10v
2		40
✓ 3		(2) 50
4		10v
5		
✓ 6		(2) 10
7		70
8		10
9		10v
850		
1		
2		
3		
4		
5		
6		
7		
8		
9		
860		
1		
2		
3		
4		
5		

Ban Kun Thieng, Tonkin

27-6-63  
 16-7-63  
 15-5-63  
 26-10-63  
 27-6-63  
 23-3-64  
 23-1-64  
 24-7-63  
 6-10-63  
 27-11-63  
 2/66 — 5-2-64  
 66 22-4-64  
 66 5-8-64

11715 S  
 rec'd 4-13-70

140 late - 1988 ±  
 Seats

~~2894237~~  
 289517

DA Label 18, 1 Apr 59

13/4/65  
 ng Dao,  
 66  
 ok  
 1/65  
 4/1/66  
 n  
 19/4/66  
 g Phu  
 66  
 es 8  
 7/7/66

L.W. —



rec'd 4-13-70

140 late - 1288<sup>±</sup> spec.

Seato

~~II 284724~~

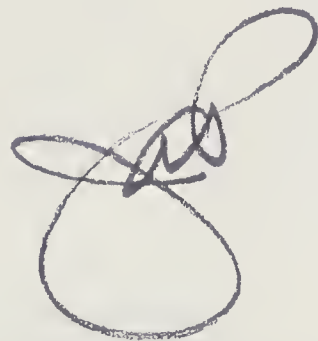
289517



L.W. —; SEATED # open Fy'70 is

~~# 284724~~

289517

A large, stylized handwritten signature or scribble, possibly consisting of the letters 'LW' or a similar monogram, written in dark ink.



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Smithsonian Institution  
Division of Mollusks  
Washington, D.C. 20560

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16-78643-1



Received

4-13-1970

~~#284724~~

289517



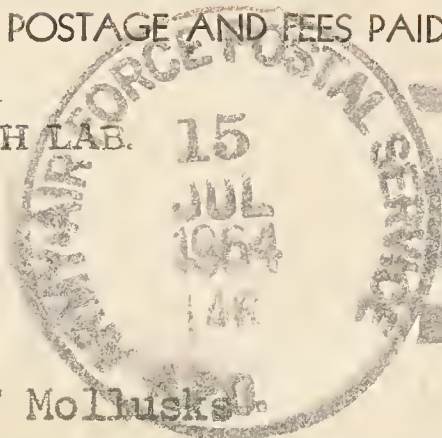
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SAN FRANCISCO, CALIF.

OFFICIAL BUSINESS

Department of Mollusks  
National Museum





rec'd 6/25/70

Department of Med. Zoology

U.S. Component Sent to med.

APO San Francisco, 96347

12 lots — 548 sp.



5-20-68  
278300

(Seato APO THAILAND

12 lots  
sandt  
Component Seato Med. Res

420 specimens



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Attn.: Dr. J. Morrison  
W a s h i n g t o n , D.C. 20560

**DA LABEL 18**  
1 APR 59

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☆ GPO : 1962 O-668963



*Modellnaia samensis* pent size glass jar  
Brandt collection.



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U.S. COMPONENT SEATO MED. RESEARCH LAB.  
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U.S. National Museum  
Attn.: - Dr. J.P.E. Morrison  
Washington, D.C.  
20560

6/25/70

DA LABEL 18  
1 APR 59

PREVIOUS EDITIONS OF THIS LABEL ARE OBSOLETE.

☆ GPO : 1962 O - 668963



5-20-68

(Seato) APO

THAILAND

FROM W. Brunelt

12 lots

420 specimens



~~REDACTED~~ Rec'd 6/25/70

Dept. of Med. Zoology  
U.S. component sent to Med.

APO San Francisco

96346

12 lots

580 sp.



US National Museum Natural History

WI

- 100 *Filopaludina filosa* REEVE, Ban Klong Cha On,  
Sukothai Sukothai Prov. 23/2/66
- 126 *Mekongia siamensis* FRFLD, Maenam Mae Klong  
at Ban Ta Rua 8/12/66
- 498 *Sulcospira ?spadicea* REEVE, Bo Karani Falls,  
Pang Nga 20/8/66
- 539 *Semisulcospira housei* LEA Klong Huai Muang  
Ang Tong 13/4/65
- 596 *Sulcospira citrina* BROT, Huai Mae Ka, Chieng Dao,  
Chiang Mai Prov. 15-3-66
- 610 *Tarebia granifera* Lam, Soi Intamarat, Bangkok  
Bankapi, off Soi Sukisan 24/11/65
- 707 *Nerita lineata* Lam, Ko Nog Harbour, Satun 4/1/66
- 711 *Neritina variegata* Lesson, Pak Panang, Nakon  
Sritammarat 22/11/65
- 713 *Nerita lineata* Lam, Tachalaeb, Chantaburi, 19/4/66
- 744 *Indopl. exustus* Desh. Huai Mae Phu, Ban Bang Phu  
Prov. Mae Hongson 21/3/66
- 880 *Radix rubiginosa* Mich. dito
- 931 *Ellobium aurisjudae* L. Ban Nam Chio, 5 m iles S  
Trat 27/7/66



836	Radix spadiosa MORELET	0 10'
7	"	0 10v
8	"	0 20x
9	"	(2) 4v
✓ 840	"	(2) 0 8v
1	"	10v
2	"	<del>10</del>
✓ 3	"	(2) 5v
4	"	10v
5	"	
✓ 6	"	(2) 10
7	"	10
8	"	10
9	"	10v
850		
1		
2		
3		
4		
5		
6		
7		
8		
9		
860		
1		
2		
3		
4		
5		

Ban Kun Theung, Tonburi	27-6-63
Pacharat Road, Bangkok	16-7-63
School of Eng. Rec. Bangkok	15-5-63
Mae Tam near Phayao	26-10-63
Wong Bua Long In - W Udon	27-6-63
Ban Kair - Tonburi	23-3-64
Ban Kluen, Land Prae, Bangkok	23-1-64
Takong - River, Ban Kao Tiam	24-7-63
Swamp on Khao Sam Plii Yot / Pramburi	6-10-63
Chiang Mai - Tamm Joo Nawanat	27-11-63
Nam Tok (Kwae Noi / Hotel)	5-2-64
Singburi, in front of hospital	22-4-64
55 Km S W Lampun, Huai Ban Mae Hai	5-8-64



866

7

8

9

870

1

2

3

4

5

6

7

8

9

880

1

*Penina*

2

3

4

5

6

7

8

9

890

1

*Amerianna* *costata* Adams

~~10~~

2

" "

10

3

4

5

Bangkok - Duesen - Klang Praeparation

9-1-64

Klang Praeparation - Bangkok  
Klang around Tuf - Oeb - Bangkok

18-6-65



896  
7  
8  
9

900

✓ 1 *Slypha ptyon* 50  
2  
3  
4  
5  
6  
7  
8  
9

910

1 *Ellipticum aurisjudae* L 3  
2  
3  
4  
5  
6  
7  
8  
9

920

1 " *aurisjudae* L 2

Thunburi: Ban Yun Si - Wat Jae

4-1-65

Green River / East of Chantaburi

7-6-63



926

7

8

9

930

1

2

3

~~4~~

5

6

7

8

9

940

1

2

3

4

5

6

7

8

9

9. 950

1

2

3

4

5



956 *Micromelampus hansenii* Markens 0 5 ✓  
 7 " " 10 ✓  
 8 " " 1 ✓  
 9 " " 1

960

1 (*Rivomarginella morrisoni* Brandt.)  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9

970

1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9

980

1  
 2  
 3  
 4  
 5

Klong Rapatee W Saraburi 28-5-63  
 Prachin river near Kabin Buri 27-2-64  
 Klong <sup>Prapa</sup> ~~Prap~~ Prachakorn / Dusit 26-3-64  
 26-3-64

Mae Klong river Ban Pong, Ratburi Thailand 8-12-65



986	<i>Hydrotrichodes clausenbergsi</i>	Walker	70
7	"	"	80
8	"	"	50
9	"	"	90

990

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

1000

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

9

1010

- 1
- 2
- 3
- 4
- 5

Ban Chiang Nam - Phawthe 13-12-64  
 Muai Mae Hai ; 35 km SW Lampang 5-9-64  
 Mae Ra De - 14.5 km from Chiang Mai 9-9-64  
 Mae Jo - Dep. of Forestry - - - 9-9-64

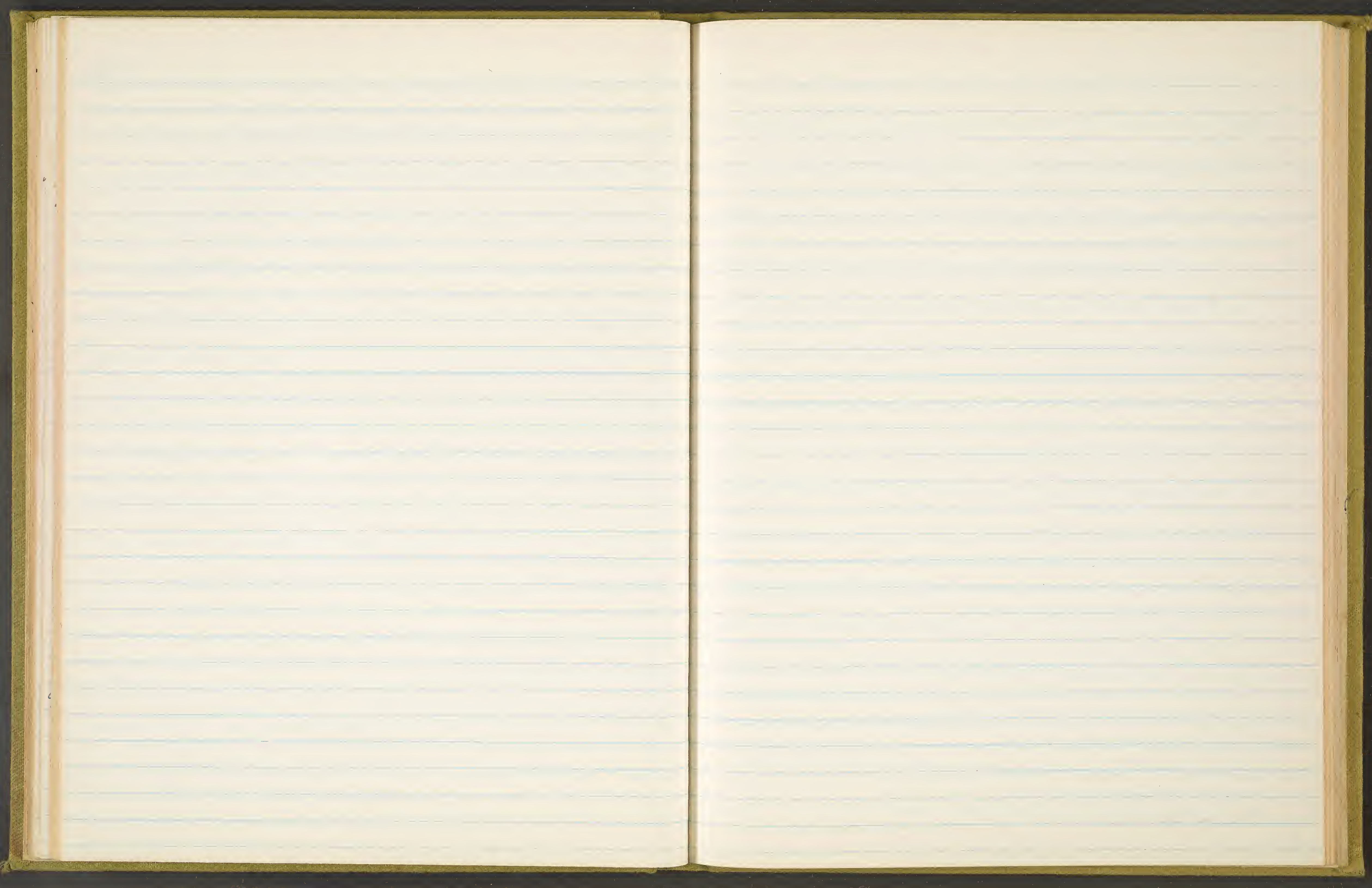






1286

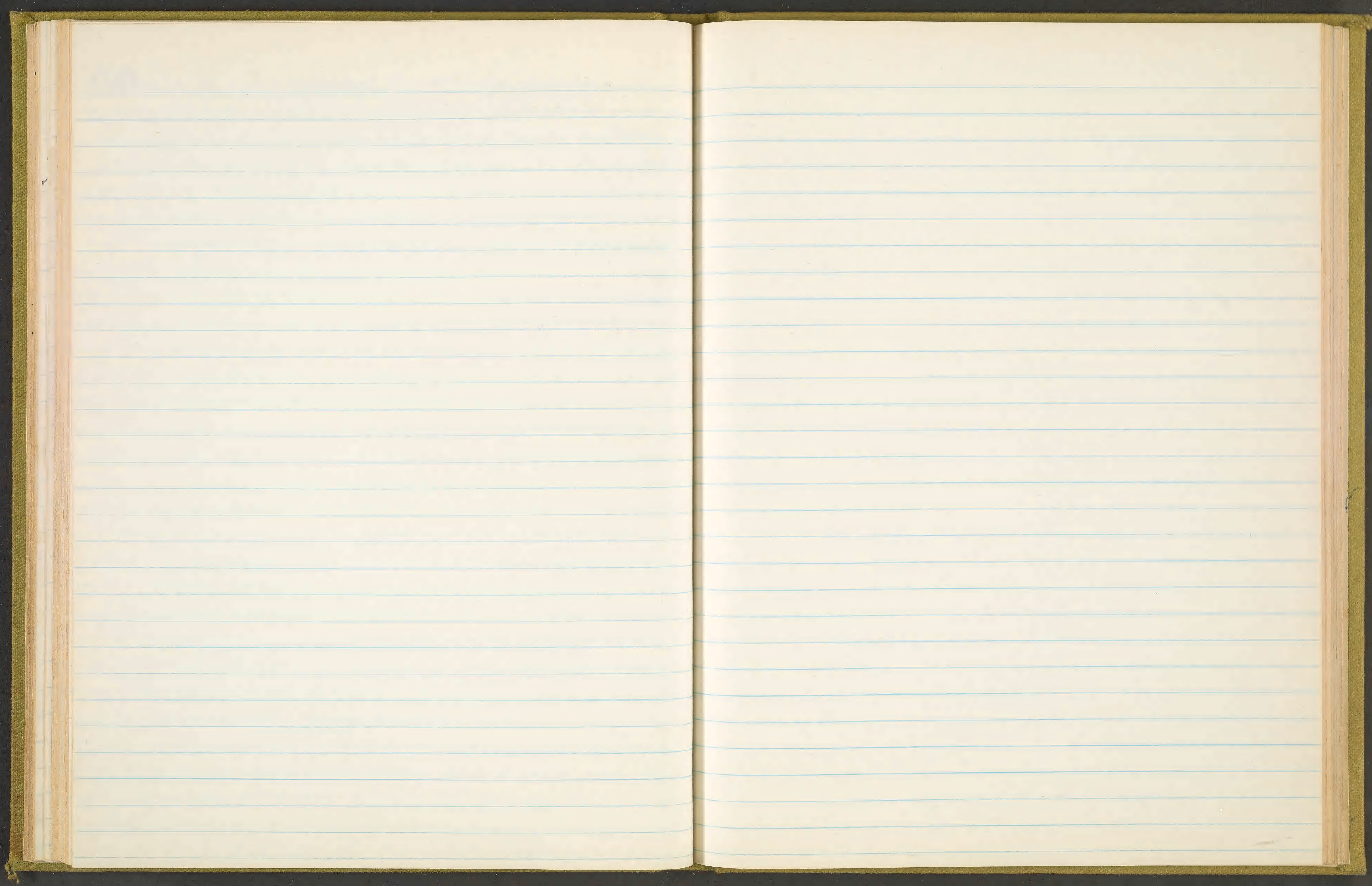






1586

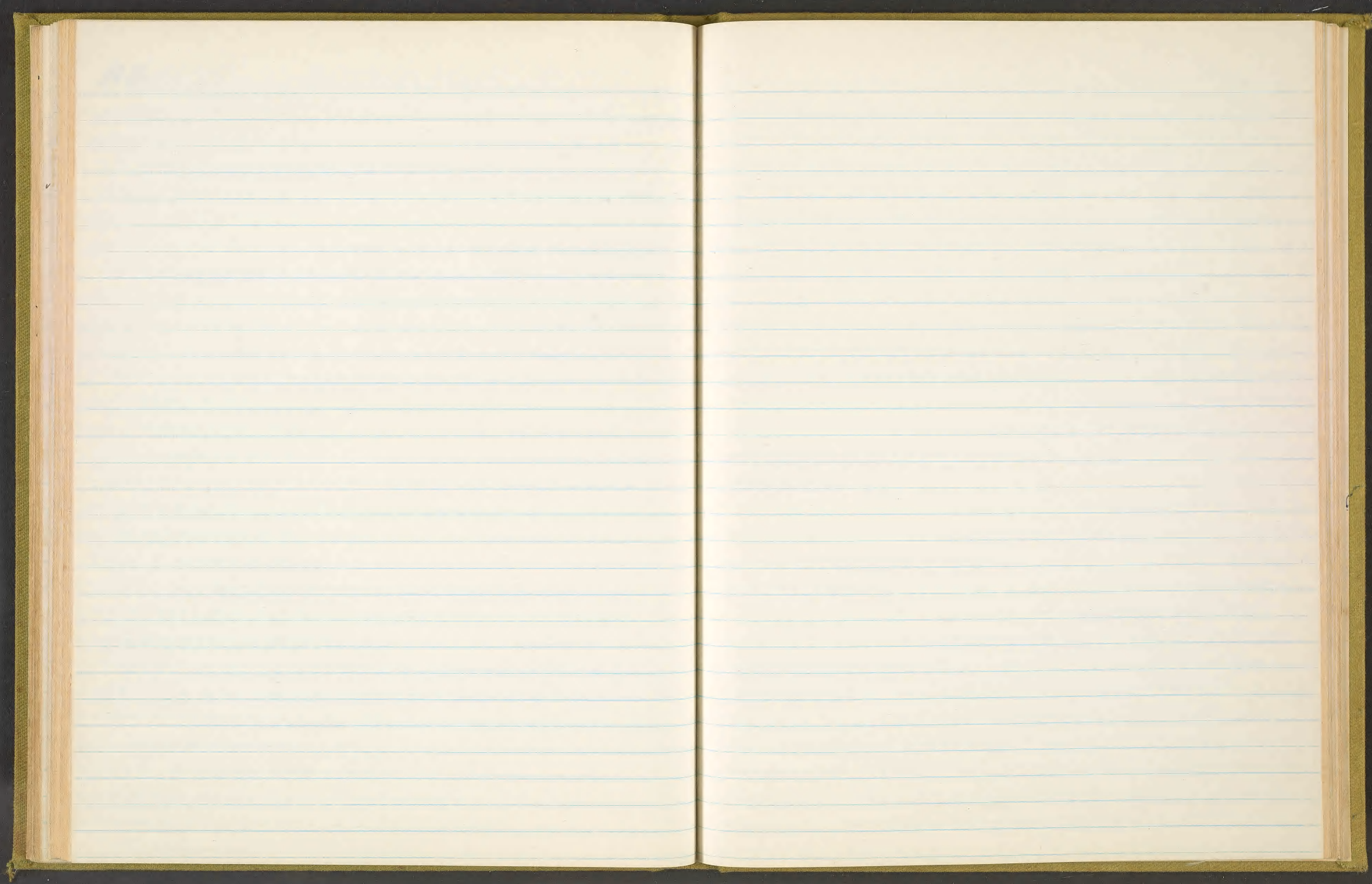






1886







2186



22 16

22 16



2246



2276



2206

- 7
- 8
- 9

2310

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

2320

- 1 *Hydrophis myersianus* Lea 3
- 2
- 3
- 4
- 5 " " 2(✓)

River Urae Noi near Nau Tok 4-2-64

Nau River - Pitbanoloh 14-1-65



2336

7

8

9

2340

1

2

3

4

5

6

7

8

9

2350

2 *Chambocaria hainanensis* Lea 3

1

3

4

5

6 " " " 1

River Uxae Wai beh. Nam Tok and Sai Yoh 5-2-64

River Nam - Pitohit 14-13-65



2366

7

8

9

2370

1

2

3

4

5

6

7

8

9

2380

1

2

River Uvae Noi

5-2-64



2396  
7  
8  
9

2400  
1  
2  
3  
4  
5  
6  
7  
8  
9

2410	1	<i>Obolodermis contractula</i>	4	(A) TV ✓
	2	"		70 ✓
	3	"		70 ✓
	4			
	5	"	<i>ang. contractula</i>	30 ✓
	6			
	7	"		10 ✓
	8	"		5 ✓
	9			10 ✓

2420	1			
	2			
	3		14	2

Pesak river, Saraburi	27-5-63
Huei Luang - Udon	4-1-65
River Kwae Noi, Saichana buri	6-2-64

Chao Praya Sing Buri	14-4-65
----------------------	---------

Lopburi - rice field behind Wat Prom Mat	4-5-64
Prachinburi River - Udon buri	27-2-64
Lopburi River	24-4-64

River dam Choen near Kon Kam	13-3-64
------------------------------	---------



2426

7

8

9

2430

1

2

3

4

5

6

7

8

9

2440

1

*Eurycerus injelnicus* Lee

10 (V)

2

5 (V)

3

(17)

10 (V)

4

(2)

6 (V)

5

10 (V)

6

2 (V)

7

5 (V)

8

6 (V)

9

15 (V)

2450

1

15 (V)

2

10 (V)

3

2 (V)

4

10 (V)

5

Mae Jo - Chiang Mai - Dep. of Friburg

9-8-64

Puech River W. Saraburi

27-5-64

Ban Paim, Selojogarten

25-7-63

Klong Pra-pa - Bang Lu - Bang Su

2-4-64

Lopburi; peddy field behind Wat Pra Keet

4-5-64

River Moon, Ban Tai Tum

6-5-64

Huey Sauren; Sri Saket

7-5-64

Lopburi; Lopburi River

24-4-64

HO.

Huai Luang - Ban Tai Tum, Prad Uden

4-1-65

Klong Min - Chaudae

14-7-65

Huai Kha Yung - Moon River

14-3-65



2456 *Euridius infallimus* de ex 5 (N)  
7 " " 10 (N)  
8  
9

2460  
1 *Arceuthobium superbum* tea 3K  
2  
3  
4  
5  
6  
7  
8  
9

2470  
1  
2 *Haemaphysalis substriata* (Dea)  
3  
4  
5  
6  
7  
8  
9

2480  
1  
2  
3  
4  
5 " "

Klong Hwai Cha - Ang Teng Pw. 13-4-65  
Ban Gaen Nam<sup>Ton</sup> - S. Han Nam 23-4-65

Klong Napipatt W. Saraburi 27-5-63

Klong San Mo; Jaeng Kro; Chaiyaphum 17-1-65



2486  
7  
8  
9

2490

1	Centraduus	Centraduus		
2	"	"		
3	"	"	in seq.	100
4	"	"		
5	"	"		
6				
7				
8				
9				

2500

1	Scalier	crispata	Senel	70	⊙
2	"	"	"	5	⊙
3	"	"	"	15	⊙
4	"	"	"	6	⊙
5	"	scobinata	Lea	10	⊙
6	"	"	"	3	⊙
7	"	"	"		
8	"	"	"		
9	"	"	"	10	⊙

2510

1	"	"	"	10	⊙
2	"	"	"	10	⊙
3	✓	"	"	5	⊙
4		"	"		
5	"	"	"	10	⊙

Klong Hwai Chan - lung Teng 13-7-65

Ban Pee-in	Schloppark	25-7-63
Klong Sam Mo	Jaeng Kro-	17-1-65
Hwai Luang	N Udun	4-1-65
Hwai Chan	lung Teng	13-4-65
4 Moon Nicer	Hwai Khe Yang / Ban Ta Tam	17-3-65
Hway Samran	Sri Saket	7-5-64

River Kwan Noi	Kuanan Nam TSK	4-11-64
Ace To	Chiang Hwai	9-9-64
Sana Pan	Pa Haling	17-7-64
Ban Nong Sueng	Kerak	7-12-64
Klong Hwai	Uin - Chanree	14-2-65
Hwai Ja	Pu Kiao - Chaiyapann	17-1-65



2516  
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2520

- 1 *Nodularia caerulea* LEA 10
- 2
- 3 *Pletholophus discoides* in *angulatus* Haas 3 ⊕
- 4
- 5
- 6
- 7
- 8
- 9

2530

- 1 *Physumio superbus superbus* LEA 3 ⊕
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9 " " 5 ⊕

2540

- 1 *Monod. undembaudi* elliptica (unred) 30
- 2
- 3
- 4
- 5

Bang Pa In 25-7-63

Pong River near Pong Nib Dam 22-8-65

Along Rapepat on Pasak River west Saraburi 27-5-63

Pasak River - Saeng Koi 1-8-65

Chao Praya River - Singburi 14-8-65

Bang Prae - Rattum 7-11-64



2546 Monodonta 5v

7 -

8 -

9 vmd. elliptica Conrad 20

2550 -

1 ~~Pseudodina~~ <sup>Monodonta</sup> ~~papyrosa~~ <sup>invi.</sup> ~~Calliptera~~ <sup>Maarten</sup> 3v

2 " " 5v

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Lopburi, swamp behind Wat Pramat 4-5-64

Lam La dom - 17 km W Korat 2-4-65

B Klong Bang Prae - Bang Prae - Ratburi 7-11-64

Ban Sao Tong - Wat faeo - " " 30-11-64



2576

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1 *Physalis superbis* ~~superbus~~ *eximius* 20

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3 " "

4 " 20

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9 *Pseudolan inc. calliper* *markus* 100

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Uoon River - Pa - Tam 6-5-64

River Moon - Pa Tam Uoon 18-3-65

Ban Kha Yung - Uoon River 17-3-65

Lam Chi River near Ban Ma Ma 21-4-65

Ban Boon Sulofook

Huan Luang, Ban Ta Tam - Oldam 4-1-65



2606 9  
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2610  
1 *Poliochyroncha exilis* LEA 50 ✓  
2 " " 20 ✓  
3 " " 30 ✓  
4 " " 20 ✓  
5 " " 10 ✓  
6 " " 10 ✓  
7 " " 5 ✓  
8 " " 10 ✓  
9 " " 5 ✓

2620  
1 " " 1 ✓  
2 " " 10 ✓  
3 " " 3 ✓  
4 " " 1 ✓  
5 " " 1 ✓  
6 " " 5 ✓  
7 " " 5 ✓  
8 " " 10 ✓  
9 " " 10 ✓

2630  
1 " " 15 ✓  
2  
3  
4  
5

Lopburi, rice field behind Wat Pra Mat 4-5-64

Klong Kung Kaen / Saraburi 26-3-64  
" Pra Pa / Thonburi 4-4-64  
" along Highway 5 Lopburi / Ban S 23-4-64  
" Rearm Ring near Ban Tai Lung 24-4-64  
Nen The Tent N Nakhon Pathom 3-9-63  
Lopburi, paddy field behind Wat Brown Mat 4-5-64  
Ban Pae, Rattburi 7-11-64  
Wat Uoen; Ayuttia 19-3-65  
Ban Sao Teng; Ban Paethon; Rattburi Prov. 30-11-64  
Ban Mahachulalai - Mueang Tung 18-2-65  
Pasak River - Tai Luang 28-5-63  
Ban Tai Tam - Udon Prov. 4-1-65  
Mun River - Sai Ngam 2-4-65  
Tahong River Kurat 2-4-65  
Minkhwi 15-5-63  
Bang Pa-in 25-7-63  
Petchani River - Petchani 5-10-63  
Klong Min Udon 18-2-65  
Lopburi - River - Lopburi 23-4-64

Klong Sue  
Klong Bang ~~Pa~~ Pra



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*Mantonia rivicola* (Sowerby)

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*Cristaria plicata bellua* Newell

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Uma River - Ban Te Fun - Pwv Suin 6-5-64

Ban Jau Tun S. Ven Kaen - Lam Uei 23-4-65



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2670  
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2680

1 *Hyriopsis bialata* Simpson  
2 " "  
3 " "  
4 " "

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30

Bang-Pa-Du; garden of Royal Palace  
River Udon; The Tom  
River Udon; Udon  
Huai Ka Yung - Udon River

26-7-63  
6-5-64  
7-5-64  
18-3-65

2690  
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2696  
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Corbicula

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Banta Tim - Klang Luang - 18 Udon  
Chunburi

24-4-64

24-8-64

Ban Paen, Prov. Ayutthia

2-10-64

Bang Luang; Petburi

16-10-64

Udon River - SAI NGAM

1-4-65

Dopburi - Dopburi - River

23-3-64

Maenam Niniset - Bandun

15-7-64

Petburi River - Petburi

20-3-65

Ban Paen, Ayutthia

2-10-64



2726	Corbicula	lyelliana	Primer	30
7				
8				
9				30
2730	"			30
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3	"			
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2740	"	riamensis	Prashed	
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2750	"	"	"	20 ⊙
1	"			10 ⊙
2				
3				
4				
5				

Uan River Bantem River 18-3-65  
 Uan River - Pimani 1-4-65

Huei Lam dai; Loei 16-1-65

Petlun River 23-3-65  
 Chao Praya, Nakhon Sawan 28-6-64



2752

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2760

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*Modiolina*

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*Modiolina* *limuoperna*

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*Dreiosensia* / *limuoperna* *rianiensis* *Novell.* 10

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~~Museum Kiriwani - Bandung~~

19-7-64

River Pasak / es Sumbawa

17-5-63

Klung Rapiant

17-5-63

Bany Pa-in - Palace Gedung

31-5-63



2786

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2800

1	<i>Pimelodius javanicus</i> <del>NEVILL</del> JUTTING	10	✓
2	" "	3	✓
3	" <i>clarkianus</i> NEVILL	10	✓
4	" "	5	✓
5	" "	5	✓
6	" <i>sumatranus</i> MORTENS	3	✓
7	" <i>javanicus</i> JUTTING	10	✓
8	" "	4	
9	" "	10	⊙
2810		10	⊙

- 1
- 2
- 3
- 4
- 5

50 km at Tok → Mae Sot	22-10-63
Huai Koh Ba NW (Lanchaburi)	21-6-63
Takung-nong, Nam Ba	25-7-63
Seri Yok NW (Lanchaburi)	4-2-64
River Nam On / Ngao	24-10-63
between Ban Koh Chang and Ban Koh Ka Pra	10-3-64
Stream 16 km N Nam near Ban Pak Ngao	8-4-64
Klong Prampachan	9-1-64
Mae Poon Falls - Lap dae - Utaadit	25-8-64
River Moei - W Mae Sot	22-10-64



2816

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2830

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*Pisidium*

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9

Along Rama V Road

9-1-64

2840

1

*Modiola*

Maunam Kirirot - Sandan

14-7-64



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