

# 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> (KFA) wardeni</i> KFA |            | 0    | 10 ✓ |
| 2  | X " " "  | Frauenfeld | 0    | 20 ✓ |
| 3  | X " " "  |            | ⑦    | 10 ✓ |
| 4  | X " " <i>s. westermanni</i>                                |            | ⑦    | 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  | X " " "  | forma I    | 0    | 8 ✓  |
| 9  | X " " "  |            | 0    | 15 ✓ |
| 20 |  | forma 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  | X " " "  | ssp.       | 0    | 10 ✓ |
| 7  | X " " "  |            | 0    | 10 ✓ |
| 8  | X " " "  |            | 0    | 20 ✓ |
| 9  | X " " "  | manuscript | 0    | 12 ✓ |

| Locality   | (Thailand, Laos)          | date           |
|--|---------------------------|----------------|
| Bangkok - Noi - Tonburi                              | (Bangkok - Noi, Thonburi) | 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 Satun - S Bangkok                             |                           | 5-12-63        |
| Bang Khen - Tonburi                                  |                           | 14-8-63        |
| Ban Pa-Du, Klong in the Park                         |                           | 25-7-63        |
| Ban Tha Tom - Udorn                                  |                           | 24-6-63        |
| Parak river W Sana Buri                              |                           | 19-8-63        |
| Patam Tani   |                           | 26-8-63        |
| Kadi Udong N Udorn, Ban Tha Tom                      |                           | 5-9-63         |
| Laos: Takek  |                           | 9-9-63         |
| Tak - swamp near Kitiachon-Bridge                    |                           | 22-10-63       |
| Nakan Panon - "Hrel Cintred"                         |                           | 8-9-63         |
| Chieng Mai - Road "Kao Narurat"                      |                           | 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 Nakh Tang N 1 near Klong Chundee                 |                           | 18-12-63       |
| Thung Saengrang; Trang - rice fields                 |                           | 17-12-63       |
| Ban Nakhok - near Chieng Mai                         |                           | 27-10-63       |
| Chieng Rai   | (Chieng Rai: Muang)       | 24-10-63       |
| 3 km S Pavao   |                           | 24-10-63       |
| Nontaburi N Bangkok Ratchani - field, Ban Chang      |                           | 18-12-63       |
| Khalung - Nakhon; near Chantaburi                    |                           | 22-1-64        |

Kaetei

30

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

0  
 0  
 (8)  
 0  
 (2)  
 0

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

Ban Tha Pom N Udon  
 Nontaburi, N of Bangkok  
 5 miles S of Nakhon Sawan  
 Ban Huay near Udon  
 Nakhon Sawan, Decharitong Bridge  
 Tak - Swamp near Kitikachan Bridge  
 Bang Teng - Rice field Lopburi  
 Bang Teng - 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 *Simotaja marteusiana* Fild  
 7 X " "  
 8 " "  
 9 " "  
 " "

20 (C)  
 10 (C)

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

24-6-64  
 29-6-64

50

1 *Simotaja* ~~*sp. aff. marteusiana*~~  
 2 X " "  
 3 X " "  
 4 " "  
 5 " "

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

Banjar - Jardee Pucc. - Saraburi  
 Lamprong - along along the Road to Tak  
 1 km S Nakhon; → Pura - Saraburi  
 Udon River; Ta Tom  
 Ban Rai - Pitsanulok

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

Pichit

*Filopaludina bengalensis*  
*Bellamyia filosa* (REEVE)

Marker

|    |   |   |   |     |        |
|----|---|---|---|-----|--------|
| 9  |   |   |   | 2T  | 12 ✓   |
| 60 | X | " | <i>filosa</i> (REEVE)                           | A   | 10 (✓) |
| 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 | " | "   | T   | 60 ✓   |
| 8  |   | " | <i>pygmaea</i> Mearl                            | 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 | " | "   | .   | 5 0    |
| 5  | X | " | "   | .   | 40 0   |
| 6  | X | " | "   | .   | 10 0   |
| 7  | X | " | <i>filosa</i> Reeve                             | .   | 10 0   |
| 8  |   | " | "   | .   | 10 0   |
| 9  |   | " | "   | .   |        |
| 80 | X | " | <i>aff. nepalensis</i> K.B. <i>filosa</i> Reeve | A   | 10 (✓) |
| 1  |   | " | "   | .   | 5 0    |
| 2  | X | " | <i>pygmaea</i> Mearl                            | .   | 20 (✓) |
| 3  | X | " | "   | .   | 10 0   |
| 4  |   | " | "   | .   | 20 0   |
| 5  | X | " | "   | .   | 40 (✓) |
| 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 Padak, Sara-Buri   | 19-8-63             |
| gravel pit near Ban Tha Bua Muang  | 24-6-63             |
| Nontaburi - N Bangkok  | 5-11-63             |
| Udai Klong, Kanchanaburi Sitamarat   | 17-12-63            |
| <del>Bang Pa-in</del> <del>Nakhon Phanom</del> <del>Bang Pa-in - Peckajand</del> | <del>27-5-65</del>  |
| <del>Talad; 2 km S Trang Saeng</del> <del>Pak Paung; Sitamarat</del>             | <del>18-12-63</del> |
| Saengkh - Hua Kwam   | 10-1-64             |
| Bang Khen (Bang Hin) Land Prao   | 23-3-64             |
| Nakhon Uthai Si Prwi Nakhon Patom  | 28-3-64             |
| Soi Prasamut / No 23 - Bangkok - Bangkok   | 26-3-64             |
| Swamp 14 km east of Nakhon Patom   | 25-3-64             |
| Klong Bang Lee - Tamburi   | 3-4-64              |
| Klong Bang In - Bangkok - Dusit  | 2-4-64              |
| Klong Bang Pen - Ban Paed - Tamburi  | 3-4-64              |
| Klong along road to Tak - Lampang  | 11-4-64             |
| <del>Ban Kao Sam - Udum Klong Prachachak - 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 Prachachak (Klong Prem Prachakon)  | 4-6-64              |
| Bang Pa - Rattani Prwi   | 2-11-64             |
| Ban Hua Kuan - Prwi Nakhon Sitamarat   | 12-2-65             |
| Prwi Ang Teng - Rieped, Ban <sup>Hua</sup> Japan, Mr. Viet-Chai Chen             | 18-8-64             |
| Ban Mahad Thai - Ang Teng  | 10-6-65             |

8  
9

90

1 Melanosia ~~hainesis hainesis~~ LEA 30 ✓  
2 " " ~~hainesis~~ 6 ✓

River Parak  
~~Ring~~

Aug 63  
7-7-63

3 X

4

5

6 X Falopal. long. ~~hainesis~~ ~~hainesis~~ 20 ✓  
7 " " 20 ✓

Ban Yaun - Uden  
Ma Ha Thui - Ang Tong

14/12/64

8

9

100

1 X Bellamyia filosa ~~hainesis~~ ~~hainesis~~ 10

Chiung Mei; town-moat opp Chiung Mei Hotel

26-10-63

2

3

4

5

6 " javanica Coll. SEATO 10

Uden Ring - Watikun bridge

30-7-64

7

8

9

110

1 " ~~hainesis~~ 430

Chiung Mei; town-moat

26/10/63

2

3

4

5

6

Lampoon: " "

27/10/63

Mal Jo; Fikang station

9/9/64

7 *Mekongia maculata* *frankii* K. Schultze  
 8  
 9

120

1 X *Mekongia sibirica* *siamensis* (FRAUENFELD) 20 ✓  
 2 " " " "  
 3 " " " "  
 4 " " *boconki* Mabille -1  
 5 X " " *siamensis* (FRAUENFELD) 0 75 ✓  
 6 " " *forma*  
 7  
 8  
 9

130 X " " " *joz.* 0 20 ✓

1 X " " " 0 20 ✓  
 2 " " " *forma*  
 3 X " " " 0 5 ✓  
 4 X " " " 0 ✓  
 5 " " " *naumanni* Fraunfeld.  
 6 " " " *naumanni* Fraunfeld.  
 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 " "  
 " " Mae Klung "

Petchaburi-River - Railway Bridge 25-10-63

River Mae Klung C. Ban Tan Nuang 6-2-64

~~River Pong am Pa Nok Khao 13-3-64~~

River Mae Klung, b. Ban Tan Nuang 6-2-64

River Prachin C. Kabin Buri 27-2-64

River Pong am Muang Pa Nok Khao 13-3-64

River Chao Phraya / Nakon Sawan 11-4-64

" Pring - Uthum Meeje 10-7-64

River Kwae Noi b. Ban Kao Pun 5-2-64

Parak-River W. Saraburi 28-4-63

River Kwae Noi N. Pitaw Lok 25-6-64

River Nam, Pitaw Lok 24-6-64





176 *Melospiza bicinerea*  
 7 " "  
 8 " "  
 9 " "

200

180  
 1 *Bellamya subciliata* Kobelt = *ciliata* Neve = <sup>pubescens</sup> ~~sea~~ ✓  
 2 " " ✓  
 3 " " ✓  
 4 " " ✓  
 5 " " ✓  
 6 " " ✓  
 7 X " " ✓  
 8 " " ✓  
 9 " " ✓

190  
 1 " " ✓  
 2 X " " ✓  
 3 X " " ✓  
 4 X " " ✓  
 5 " " ✓  
 6 X " " ✓  
 7 X " " ✓  
 8 X " " ✓  
 9 X " " ✓  
 200 X " " ✓  
 1 X " " ✓  
 2 X " " ✓  
 3 X " " ✓  
 4 X " " ✓  
 5 X " " ✓

Parah-River - Yang Koi

2-4-65

Chiang Mai - Rampart ditch 25-10-63  
 Non-sida near Malora Ban Neao Kao; Kanchanaburi 24-2-64  
 Hwai Hu near Ban Bon Doo 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 Samran - Sisaket 8-5-64  
 Ban Koo - Pathumthani 10-8-64  
 Ban Yang Hwai - Dan Sai 16-1-65  
 Non Te Taw, 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 Maesai 29-10-63  
 Ban Makha near Pa-Song (Lamphoon) 27-10-63  
 Nang Nong; Buriram 15-3-65  
 Maha-thai - Ong Tong 23-3-65  
 Kao San, Udon 5-11-64  
 Non-sida / Udon 21-63  
 Ban Chiang Mai; Road " Kao Navarat 27-11-63  
 Ban Kam; Sanpatong - Chiang-Mai 27-11-63  
 Nong Bua; Udon 23-11-63  
 Ban Hong (Udon) 5-1-64  
 Ratchani - fields 12-2-63  
 Non-sida - Udon 12-2-64

206 *Augu byagra* ?  
*Spissia* ~~*Andriales*~~ ~~*MOORE*~~ 100 2  
 7 " 10 100

8  
9  
210  
1  
2  
3  
4  
5  
6  
7  
8  
9

220  
1 *Mekongia kaimeniensis* P. H. Yang 5  
 2 " " 6  
 3 *Filopaludina* *benyaleensis* ~~*triacata*~~ *flora* *Reeve*  
 4 X " *filosa* *Reeve* 20 ✓  
 5 " *multicata* *LEP*  
 6 "  
 7 "  
 8 "  
 9 "

230  
1 *Filopaludina* *varicata* *javana* *impelliana* *LEP* *SEPTO* *lot* *6* ✓  
 2 X *Sudaja* ~~*quadrata*~~ *lecythus* *Beurton* 0 20 (✓)  
 3 *Filopaludina* *varicata* 3  
 4 X "  
 5 "

Udon *Bad* *Tan* *Pom* *near* *Udon* *River* 7-5-64  
 27-8-63  
*Tan* *Tum* ; *Udon* *River* 6-5-64  
*Huai* *Kha* *Yung* - *Udon* *River* 18-3-65

*Rattani* 23-6-63  
*Petbari* - *river* - *railway* - *bridge* 5-10-63  
*Mue* *Muang* - *Nakhon* *Sawan* 27-6-64  
*Mae* *HT* , *Keueh* *chng* *Prasabik* *road* 21-10-69

*Panun* *Salakam* , *Pud.* *Chakhoen* *oo* 22-1-65  
*River* *Kam* *On* *S* *Ngao* 24-10-63  
*Chiang* *Rai* 25-10-63  
*Pong* *River* *W* *Kon* *Kaem* 13-3-64  
*Zuph* *Yun* *River* *Kam* *Mri* , *50* *5* *km* *N* *Pras* 9-4-64

|     |                   |                    |                  |         |
|-----|-------------------|--------------------|------------------|---------|
| 236 | <i>Filix</i>      | <i>variata</i>     | F. J.            | 30      |
| 7   |                   |                    |                  |         |
| 8   |                   |                    |                  |         |
| 240 | "                 | <i>variata</i>     | F. J.            | 30      |
| 1   | <i>Filopodium</i> | <i>javanicum</i>   |                  |         |
| 2   | "                 | "                  |                  |         |
| 3   | "                 | "                  |                  |         |
| 4   | "                 | <i>sumatranum</i>  | SEATO            | 8       |
| 5   |                   | "                  |                  |         |
| 6   | <i>Wattledia</i>  | "                  |                  |         |
| 7   |                   | "                  |                  |         |
| 8   | "                 | <i>variata</i>     | F. J.            |         |
| 9   | "                 | <i>variata</i>     | "                | (10)    |
| 250 |                   |                    |                  |         |
| 1   |                   |                    |                  |         |
| 2   |                   |                    |                  |         |
| 3   |                   |                    |                  |         |
| 4   |                   |                    |                  |         |
| 5   |                   |                    |                  |         |
| 6   | <i>Wattledia</i>  | <i>siamensis</i>   | W. J.            | 20      |
| 7   | "                 | "                  | "                | 20      |
| 8   | "                 | <i>roseum</i>      | W. J.            | 20      |
| 9   | "                 | <i>siamensis</i>   | W. J.            | 20      |
| 260 |                   |                    |                  | 9       |
| 1   | <i>Pala</i>       | <i>polystachya</i> | <del>W. J.</del> | 20 (10) |
| 2   | "                 | "                  |                  | 40      |
| 13  | "                 | "                  |                  | 10      |
| 14  | "                 | "                  |                  | 10      |
| 5   | "                 | "                  |                  | 10      |

|   |          |
|---|----------|
| 45 km N Lam Sak, tributary to Parak River     | 16-1-65  |
| Huai Mae Sot - Mae Sot                        | 21-10-64 |
| Boh Kuan Ni Falls - Pang Ngao                 | 26-5-65  |
| Mae Sot - Huai Ungang                         | 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 Trip-Club Bangkok                | 18-6-65  |
| <del>Ban Non Sang - Udon</del> 28 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 Kae - Chum Buri                      | 6-10-64  |
| Wong Taling Chum - Pibantaha                  | 17-12-64 |

|     |                     |                     |    |
|-----|---------------------|---------------------|----|
| 266 | <i>Pila polita</i>  | DESH                | 30 |
| 7   | "                   | "                   |    |
| 8   | "                   | "                   |    |
| 9   | "                   | "                   |    |
| 270 | "                   | "                   | 30 |
| 1   | "                   | "                   | 30 |
| 2   | "                   | "                   | 20 |
| 3   | "                   | "                   | 20 |
| 4   | "                   | "                   | 20 |
| 5   | "                   | "                   | 20 |
| 276 | "                   | <i>furbinis</i> Lea | 20 |
| 7   | "                   | "                   | 10 |
| 8   | "                   | "                   | 30 |
| 9   | "                   | "                   | 10 |
| 280 | "                   | "                   | 30 |
| 1   | "                   | "                   |    |
| 2   | "                   | "                   |    |
| 3   | "                   | "                   |    |
| 4   | "                   | "                   |    |
| 5   | "                   | "                   | 20 |
| 6   | "                   | "                   |    |
| 7   | "                   | "                   |    |
| 8   | "                   | "                   |    |
| 9   | "                   | "                   |    |
| 290 | <i>Pila anglica</i> | Cumandace           | 30 |
| 1   | "                   | "                   |    |
| 2   | "                   | "                   |    |
| 3   | "                   | "                   | 30 |
| 4   | "                   | "                   |    |
| 5   | "                   | "                   |    |

|  |          |
|--|----------|
| Thailand: Udon Ratanak / Mekong                      | 8-10-64  |
| " : Rayong   | 23-1-64  |
| " : Kabin Kuri                                       | 27-2-64  |
| " : Tai Bo / Mekong                                  | 27-6-63  |
| " : Ban Nong Tshabo / Udon                           | 22-6-64  |
| " : Udon : Ban Ta Tom                                | 27-6-63  |
| Pibun. <del>Bany Prathae - Chantorn</del> Uong Chala | 13-12-64 |
| Ban Koh Sa Ton - Udon                                | 14-12-64 |
| Uue Saiang   | 6-2-64   |
| W Laem Sing - Udon                                   | 16-11-64 |
| Bany Laek N of Udon                                  | 20-5-63  |
| Ban Kham - Udon                                      | 14-12-64 |
| Ban Koro - Pitsoadok                                 | 10-8-64  |
| Lampang: swamp 3 sold. Taling St.                    | 5-9-64   |
| Nong Taling Udon - Pitsoadok                         | 27-12-64 |
| Ban Nong Jaeng - Pitsoadok                           | 13-12-64 |
| Bany Tong - Rice field Hua Sapan                     | 9-8-64   |
| Wat Pim Mat Sop Ben                                  | 9-4-67   |
| Bany Tong - Mahathai                                 | 15-4-65  |

|     |                  |                      |                      |   |      |
|-----|------------------|----------------------|----------------------|---|------|
| 296 | <i>Pila</i>      | <i>pernei</i>        | MORLET               |   | 50   |
| 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>geniophthalus</i> | MORLET               |   | 1000 |
| 1   | "                | "                    | "                    |   | 500  |
| 2   | "                | "                    | "                    |   | 500  |
| 3   | "                | "                    | " <i>aff. laevis</i> | 1 | 50   |
| 4   | "                | "                    | "                    |   | 20   |
| 5   | "                | "                    | "                    |   | 50   |
| 6   | "                | "                    | "                    |   | 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, Pasakhi Road -   | 26-10-64 |
| Pakhet  |          |
| Maai So - Chiang Mai - Fish. Dep.                                   | 9-9-64   |
| Maai So - Chiang Mai  |          |
| Udon B. Udon Thani  | May 63   |
| Bong Bua "  | "        |
| Ban Phan Man "  | July 63  |
| Takong river (Maueun Man) west of Ratchaninua <sup>Huai Taboo</sup> | 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 (Paun), Wang Sai Sang                                    | 13-3-64  |

|       |                   |                              |        |       |     |
|-------|-------------------|------------------------------|--------|-------|-----|
| 326   | <i>Ptilinopus</i> | <i>goniophalus</i> (MORELET) |        | 50    |     |
| 7     | "                 | "                            | TV     | (A) ✓ | (✓) |
| 8     | "                 | "                            |        | 50    |     |
| 9     | "                 | "                            |        | 6     |     |
| 330   | "                 | "                            |        | 20    |     |
| 1     | "                 | <i>laevis</i> (Morelet)      |        | 20    |     |
| 2     | "                 | "                            |        | 20    |     |
| 3     | "                 | "                            |        | 10    | (✓) |
| 4     | "                 | "                            |        | 20    |     |
| 5     | "                 | "                            | 4      | A 30  | (✓) |
| 6     | "                 | "                            | 7      | 20    | (✓) |
| 7 X   | "                 | <i>goniophalus</i> ( )       |        | 20    | (✓) |
| 8     | "                 | <i>laevis</i>                | 8      | 9     | (✓) |
| 9     | "                 | "                            | 9      | 20    | (✓) |
| 340   | "                 | "                            | 10     | 20    | (✓) |
| 1     | "                 | <i>fulvicastris</i> Walker   |        | 10    | (✓) |
| 2     | "                 | "                            | T (A2) | 25    | (✓) |
| 3 X   | "                 | "                            | (A1)   | 50    |     |
| 4     | "                 | "                            | (A2)   | 30    |     |
| 5     | "                 | <i>laevis</i>                |        | 10    | (✓) |
| 6     | "                 | "                            |        | 20    | (✓) |
| 7     | "                 | "                            | 12     | 20    | (✓) |
| 8     | "                 | "                            | 13     | 30    | (✓) |
| 9     | "                 | "                            | 14     | 20    | (✓) |
| 350 X | "                 | "                            |        | 20    | (✓) |
| 1     | "                 | <i>goniophalus</i> Morelet   |        | 8     | (✓) |
| 2     | "                 | "                            |        | 100   | (✓) |
| 3     | "                 | "                            |        | 20    | (✓) |
| 4 X   | "                 | <i>laevis</i>                |        | 20    | (✓) |
| 5     | "                 | "                            |        |       |     |

|   |          |
|---|----------|
| Swamp by Road out of Chacheng                       | 15-5-63  |
| Yothanimit / Udorn                                  | 9-11-63  |
| Non Sida / Udorn                                    | 18-2-64  |
| Nong Bua 125 km Kon Kaer                            | 13-3-64  |
| Non Kaer: Teak 3 km W                               | 13-3-64  |
| Bangkok - Petburi Road                              | 4-12-63  |
| " - Uthasarn  | 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 - Paniruan - flower farm                    | 22-3-64  |
| Friendship Road Km 225; 45 km W Korat               | 3-9-63   |
| Yasen 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 - along Uai          | 27-11-63 |
| Ban Wen - Nang Dong - Dist. Chiang Mai              | 27-11-63 |
| Swamp near Nakhon Chai Si - 38 km W Tumburi         | 25-3-64  |
| <del>Swamp</del> to Pa Sahtokai - 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 Nong Dong                         | 9-3-64   |
| Ban <sup>Non</sup> Song - Udorn                     | 15-3-64  |
| Buriram, swamp in town                              | 5-5-64   |
| Malaya: Batu Caves                                  | 5-5-65   |

|     |   |                          |        |       |
|-----|---|--------------------------|--------|-------|
| 356 | <i>Bithyia laevis</i> (Murelet)         |                          | 30     | ✓     |
| 7   | "                                       |                          | 20     |       |
| 8   | "                                       |                          | 20     |       |
| 9   | "                                       |                          | 10     |       |
| 360 | <i>Bithyia "laevis" MOR.</i>            | 22                       | 0      | 10v   |
| 1   | "                                       | 21                       | 0      | 10v   |
| 2   | "                                       | 20                       | (12)   | 8v    |
| 3   | "                                       | 19                       | 0      | 10v   |
| 4   | "                                       | 18                       | 2      | 20v   |
| 5   | "                                       |                          | 0      | 10    |
| 6   | "                                       | 17                       | 0      | 20    |
| 7   | "                                       | 16                       | (12)   | 20    |
| 8   | "                                       |                          |        | 5v    |
| 9   | "                                       | 15                       |        | 9v    |
| 370 | <i>Wattledia croceana</i> WATTERLED     |                          | 0      | 1000v |
| 1   | "                                       |                          | (2)    | X     |
| 2   | "                                       |                          |        | 10v   |
| 3   | "                                       | " siamensis Muf.         |        | 2v    |
| 4   | "                                       | "                        |        | 6v    |
| 5   | "                                       | "                        |        | 10v   |
| 6   | "                                       | " siamensis              | (3 25) | 20v   |
| 7   | "                                       | "                        |        | 20v   |
| 8   | "                                       | " siamensis              |        | 5v    |
| 9   | "                                       | " siamensis" Mollusca of |        | 12v   |
| 380 | <i>Bithyia siamensis</i> (LEA)          |                          |        | 20v   |
| 1   | <i>Hydrobioides dautzenbergi</i> Walker | 1                        | 0      | 10v   |
| 2   | "                                       | 2                        | (27)   | 0 20v |
| 3   | "                                       | 3                        | (27)   | 0 20v |
| 4   | "                                       | 4                        | (324)  | 0 10v |
| 5   | "                                       | 5                        | (27)   | 0 20v |

|  |           |
|--|-----------|
| Bangkok - Rama V - Road                          | 11-11-63  |
| Tomburi - Wat Chanpradit                         | 8-11-63   |
| Nang Rumbak - Chumpon                            | 14-12-63  |
| Kao Yoi - Petburi                                | 10-12-63  |
| Tomburi - Parichasain                            | 26-6-63   |
| Ain - Dang Street - Bangkok - Dunit              | 16-7-63   |
| Bang Hai, Bangkok                                | 26-6-63   |
| Cynthia, Rama 5th                                | 26-7-63   |
| Bangkok - Bangkok - Sam - See                    | 9-10-63   |
| Don Meung - Bangkok                              | Aug 63    |
| Bangkok - Dunit, 5 Sam See                       | 10-10-63  |
| Ban Nakh Sam See Nakh 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>Ban Hony</del> Ban W Lampany                | 6-9-64    |
| Tachung river, Ban Kao Tian                      | 25-7-63   |
| 2 km S Lampany                                   | 26-10-63  |
| Nong Ban Lampon west of Udon                     | 27-6-63   |
| Bangkok - Dunit - Rama V - Road                  | 9-1-64    |
| Nong Ban, 25 km W Kham Keen                      | 13-3-64   |
| Swamp 3 km S Klong Chandi - Nakhon Si Thammarat  | 19-12-63  |
| <del>Ban Hony</del> Ban Kham Si - 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 Matok, 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>Brithynia</i>            | <i>laevis</i> (aff. <i>nannensis</i> ) | 100       |
| 7     | "                           | <i>nannensis</i> Sa                    | (72) 20 ✓ |
| 8     | <i>Hydrobia</i>             | <i>daubenbergi</i> Walther             | 6 20      |
| 9     | "                           | "                                      | 7 5 ✓     |
| 390   | "                           | "                                      | 8 20      |
| 12    | "                           | "                                      | 9 (20)    |
| 28    | "                           | "                                      | 10 (20)   |
| 3     | "                           | "                                      | 11 20     |
| 4     | <del><i>Brithynia</i></del> | <del><i>nannensis</i></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>Brithynia</i> | ( <i>Gabbia</i> ) <i>wyleyfi</i> Brauer | 10 ✓ |
| 1   | "                | "                                       | 10   |
| 2   | "                | "                                       | 20 ✓ |
| 3   | "                | "                                       | x ✓  |
| 4   | "                | "                                       | x ✓  |
| 5   | "                | "                                       | x ✓  |
| 6   | "                | "                                       | 10 ✓ |
| 7   | "                | "                                       | 10 ✓ |
| 8   | "                | "                                       | 20 ✓ |
| 9   | "                | "                                       | 50   |

|     |                   |                           |      |
|-----|-------------------|---------------------------|------|
| 410 | <i>Walthebeia</i> | <i>nannensis</i> Willdoff | 5 ✓  |
| 1   | "                 | <i>roseana</i> Walker     | 6 ✓  |
| 2   | "                 | "                         | 18 ✓ |
| 3   | "                 | <i>nannensis</i> Willdoff | 20 ✓ |
| 4   | "                 | "                         | 3    |
| 5   | "                 | <i>roseana</i> Walker     | 50   |

File 256

|   |          |
|---|----------|
| Patun 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 Kung - Supatong - Chiang Mai                      | 27-11-63 |
| Ban Wan - Hang Dong - "                               | 27-11-63 |
| Chiang Mai - Jao Navarat Road                         | 26-11-63 |
| <del>Lamphang - Supatong - Ban Kung</del> / Pitamulok | 10-8-64  |
| Talchun Village - Nam District                        | 8-4-64   |
| Sukhothai - Pravit Temple                             | 7-4-64   |
| Lamphang, in front of Pengawat School                 | 10-4-64  |
| Sukhothai: in front of Wat Traiphumong                | 7-4-64   |
| Mae Hong Bridge 45 km NW Toei                         | 5-9-64   |

|                                       |          |
|---------------------------------------|----------|
| Ban Non Forest of Retheonina          | 25-7-63  |
| Black Pebble; km 143 of Bangkok       | 10-12-63 |
| Tomburi - Panichawan                  | 5-64     |
| Banghwa - Duong, Sam Sen Nak          | 16-16-63 |
| " - Banghwa Sam Sen Nak               | 9-10-63  |
| 8/9 km S Nakon Sawan                  | 30-10-63 |
| Ban Chung Hang - Pitamulok - Mt. Uman | 13/12/64 |
| Luhong - Tomburi                      | 8-11-63  |
| 3 km S Chomburi                       | 10-6-64  |
| Lamphun - town-moat                   | 4-9-64   |
| Ung Sa Wang 22 km at Non Kuen         | (3-3-64  |
| between Ban Ret u. Ban Pak Pu (Koi)   | 11-3-64  |
| 1 km S Non                            | 9-2-64   |
| Thunburi: Ban De Lane                 | 5-4-64   |
| Umu 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   |
| 6   | "             | "               |          | 30 ✓ |
| 7   | "             | "               |          | 30   |
| 8   | "             | "               |          | 15 ✓ |
| 9   | "             | "               |          | 35 ✓ |
| 430 | "             | "               |          |      |
| 11  | "             | "               |          | 30 ✓ |
| 12  | "             | "               |          | 20 ✓ |
| 3   |               |                 |          | 50 ✓ |
| 4   |               |                 |          |      |
| 5   |               |                 |          |      |
| 6   | Stenothyna    |                 |          | (2)  |
| 7   |               |                 |          |      |
| 8   | "             |                 |          | (3)  |
| 9   | "             | dumiana         | wabblers |      |
| 440 |               |                 |          | 20 ✓ |
| 441 | Psalydrodes   | (Hydrocoronina) |          |      |
| 2   | "             |                 |          |      |
| 3   |               |                 |          |      |
| 4   | Hydrocoronina |                 |          |      |
| 5   | "             |                 |          |      |

|  |         |
|--|---------|
| Takung-River - Ratchasima                            | 25-7-63 |
| Rama V Road - Bangkok - Dusit; Klong Prae prachakorn | 2-1-64  |
| Maecum Loei; 2 km S town                             | 13-3-64 |
| River Lam Uoen                                       | 13-3-64 |
| " Uen Cui Hwai Ka Yung                               | 18-3-64 |
| " Uen, Ubon Ratchasima                               | 7-5-64  |
| " Uen, Tha Tum                                       | 6-5-64  |
| Klong Bang Sue Noi - Bangkok - Dusit                 | 26-3-64 |
| Klong Sam Sen - " - Water Supply Station             | 26-3-64 |
| Klong Prae prachakorn - Bangkok - Dusit              | 31-3-64 |
| Klong Bang Su  | 31-3-64 |
| Klong around the Troop Area, Dusit                   | 2-4-64  |
| Rama V Road, Bangkok; Klong Prae prachakorn          |         |
| 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 Ple, Bang Pleed                       | 3-4-64  |
| " : Klong Bang Rang, Bang Pleed                      | 3-4-64  |
| " : Klong Bang Pichan                                | 18-5-64 |
| Tomburi  | 26-6-63 |
| Klong Prae prachakorn                                |         |
| Ban Khan Sri   | 4-1-65  |
| Klong Prae prachakorn, The Golf Club                 | 9-1-64  |
| Klong Bang An; Klong Bang Sue Noi                    | 26-3-64 |
| Klong Sam Sen  | 26-3-64 |
| Klong Prae prachakorn, Near Troop Area               | 31-3-64 |
| Klong Bang An, Tomburi                               | 3-4-64  |

|     |                                      |                         |    |    |   |
|-----|--------------------------------------|-------------------------|----|----|---|
| 446 | <i>Pachydrobia paradoxa</i>          | CROSSE & FISCHER sp. n. | 10 | 10 | ✓ |
| 7   | "                                    | "                       |    |    |   |
| 8   | "                                    | "                       |    | 10 | ✓ |
| 9   | <i>Cyclohyas carinata</i>            | Dea                     |    | 10 | ✓ |
| 450 | <i>Hydrocororia</i>                  |                         |    | 50 |   |
| 1   |                                      |                         |    |    |   |
| 2   |                                      |                         |    |    |   |
| 3   |                                      |                         |    |    |   |
| 4   | <i>Cyclohyas carinata</i>            | Dea                     |    | 20 | ✓ |
| 5   | <del><i>Cyclohyas carinata</i></del> | <del>Dea</del>          |    |    |   |
| 6   | "                                    | "                       | 20 | 20 | ✓ |
| 7   | "                                    | "                       |    | 20 | ✓ |
| 8   | "                                    | "                       |    |    |   |
| 9   | <i>Tullionia nodulosa</i>            | Poirier                 | 20 | 10 | ✓ |
| 460 | <i>Tullionia</i>                     | "                       | 20 | 20 | ✓ |
| 1   | <i>Pachydrobia parvula</i>           | (Dea)                   | 20 | 20 | ✓ |
| 2   | "                                    | "                       | 20 | 6  | ✓ |
| 3   | "                                    | "                       | 20 | 2  | ✓ |
| 4   | "                                    | "                       | 20 | 10 | ✓ |
| 5   | "                                    | "                       | 20 | 20 | ✓ |
| 6   | "                                    | "                       | 20 | 20 | ✓ |
| 7   | "                                    | "                       | 20 | 20 | ✓ |
| 8   | "                                    | "                       | 20 | 20 | ✓ |
| 9   | "                                    | "                       | 20 | 20 | ✓ |
| 470 | "                                    | "                       | 20 | 20 | ✓ |
| 1   | <i>Amphion (Antimelaena)</i>         | dantzenbergi MORLET     | 3  | 3  | ✓ |
| 2   | "                                    | "                       | 46 | 46 | ✓ |
| 3   | "                                    | "                       | 40 | 40 | ✓ |
| 4   | "                                    | "                       | 3  | 3  | ✓ |
| 5   | "                                    | "                       | 10 | 10 | ✓ |

|   |         |
|---|---------|
| River Kwae Noi near Kanchana Buri                         | 24-6-63 |
| Mae River - Haei 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 Uen, Thae Thuan                                     | 2-5-64  |
| River Uen - Ubon  | 11-2-63 |
| Bang Lu - Dunt; Rama V. Road (Klong Premprachakorn) level | 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 Kham Noi 50.5 km No. 1                 | 2-4-64  |
| River Kham Noi 47 km No. 1                                | 4-4-64  |
| Haei Kao Phuang b. Kao Phuang / Prov. Prachin             | 26-6-64 |
| Haei Rai - Station Haei Rai - Prov. Prachin               | 26-6-64 |

|       |                          |        |   |    |   |
|-------|--------------------------|--------|---|----|---|
| 476 X | <i>Brotia variabilis</i> | BENSON | 0 | 10 | ✓ |
| 7     | "                        | "      |   | 3  |   |
| 8     | "                        | "      | 0 | 3  | ✓ |
| 9     | "                        | "      |   | 5  |   |

|     |                    |                  |    |  |   |
|-----|--------------------|------------------|----|--|---|
| 480 |                    |                  |    |  |   |
| 1   | <i>Pedicularia</i> | <i>parva</i> Lea | 20 |  | ✓ |
| 2   | "                  | "                | 4  |  | ✓ |
| 3   | "                  | "                | 30 |  | ✓ |
| 4   | "                  | "                | 50 |  | ✓ |
| 5   | "                  | "                | 17 |  | ✓ |
| 6   |                    |                  |    |  |   |
| 7   |                    |                  |    |  |   |
| 8   |                    |                  |    |  |   |
| 9   |                    |                  |    |  |   |

|     |                                 |                     |    |  |   |
|-----|---------------------------------|---------------------|----|--|---|
| 490 |                                 |                     |    |  |   |
| 1 X | <i>Brotia pseudoculicospira</i> | n.                  | 6  |  | ○ |
| 2   | <i>Brotia</i> ( <i>Brotia</i> ) | <i>fragodula</i>    | 20 |  | ○ |
| 3 X | "                               | "                   | 10 |  | ○ |
| 4 X | "                               | "                   |    |  | ○ |
| 5   |                                 |                     |    |  |   |
| 6 X | "                               | <i>costata</i> Raf. | 5  |  | ✓ |
| 7 X | "                               | "                   | 4  |  | ✓ |
| 8   | "                               | <i>costata</i> Raf. | 7  |  | ○ |
| 9   | "                               | "                   | 10 |  | ✓ |

|     |   |                        |  |  |      |
|-----|---|------------------------|--|--|------|
| 500 |   |                        |  |  |      |
| 1   |   |                        |  |  |      |
| 2   | " | ( <i>antimilania</i> ) |  |  | (10) |
| 3   | " | "                      |  |  |      |
| 4   | " | "                      |  |  |      |
| 5   | " | <i>siamensis</i> Brot  |  |  | 60   |

|            |                          |          |
|------------|--------------------------|----------|
| River Sing | 60 Km N Chiang Mai       | 10-7-63  |
| "          | " Wuthin bridge          | 5-7-63   |
| "          | " Kiti Kachon " near Tak | 23-10-63 |
| "          | " Kwae Noi - Candamaburi | 5-2-64   |

|     |          |                                    |         |
|-----|----------|------------------------------------|---------|
| Rgt | Dart     | Klong Eweprachabun - Sathum Bridge | 2-4-64  |
| Rgt | "        | " " Klong around Troop Area        | 2-7-64  |
|     | Thonburi | " Klong Bang Plei; Bang Plea       | 3-7-64  |
|     | Bangkok  | " Chao Praya - Namasi Bridge       | 3-7-64  |
|     | Thonburi | " Klong Bang Chak                  | 24-5-64 |

|                       |  |         |
|-----------------------|--|---------|
| Wang Nok              | Wang Aen - Pibantolok                                | 10-7-65 |
| <del>Klong Sing</del> | <sup>Gaeng</sup> W Lam Sak - 50 Km N Pibantolok      | 7-4-64  |
| Klong Thulo           | <del>Sopa Fall</del> <sup>Sopa Fall</sup> Pibantolok | 6-8-64  |
| Tong Ta Wei           | Fall N Pibantolok                                    | 24-6-64 |

|       |       |                         |          |
|-------|-------|-------------------------|----------|
| River | Kampa | W Pattaung              | 17-12-63 |
| "     | Rab   | W "                     | 12-12-63 |
| Bh.   | Ka.   | Ra. Nee Falls, Pang Nga | 15-7-64  |
| "     | "     | " " " "                 | 19-7-64  |

|     |      |                        |         |
|-----|------|------------------------|---------|
| Uae | Poon | Fallen, Lab Lae        | 26-6-64 |
| Pa  | Ko   | - Uae Son River (Dome) | 4-2-64  |

|     |      |                |        |
|-----|------|----------------|--------|
| Nam | Yuan | at Mae Sariang | 6-9-64 |
|-----|------|----------------|--------|

|     |            |           |        |    |    |   |
|-----|------------|-----------|--------|----|----|---|
| 506 | Melanoides | pubescens | MÜLLER | 12 | 20 | ✓ |
| 7   | "          | "         | "      | ②  | 10 | ⑥ |
| 8   | "          | "         | "      |    | 10 | ✓ |
| 9   | "          | "         | "      |    | 15 | ✓ |
| 510 | "          | "         | "      |    | 8  | ✓ |
| 1   | "          | "         | "      | ②  | 15 | ⑥ |
| 2   | "          | "         | "      |    | 10 | ⑥ |
| 3   | "          | "         | "      |    | 10 | ✓ |
| 4   | "          | "         | "      |    | 15 | ✓ |
| 5   | "          | "         | "      |    | 20 | ✓ |
| 6   | "          | "         | "      |    | 20 | ✓ |
| 7   | "          | "         | "      | 11 | 12 | ✓ |
| 8   | "          | "         | "      |    | 8  | ✓ |
| 9   | "          | "         | "      |    | 10 | ✓ |
| 520 | "          | "         | "      |    | 10 | ✓ |
| 1   | "          | "         | "      |    | 10 | ⑥ |
| 2   | "          | "         | "      |    | 10 | ✓ |
| 3   | "          | "         | "      |    | 10 | ✓ |
| 4   | "          | "         | "      |    | 18 | ✓ |
| 5   | "          | "         | "      |    | 20 | ⑥ |
| 6   | "          | spec      | "      |    | 40 | ⑥ |
| 7   |            |           |        |    |    |   |
| 8   |            |           |        |    |    |   |
| 9   |            |           |        |    |    |   |
| 530 | Bristia    | curvata   |        |    |    |   |
| 1   |            |           |        |    |    |   |
| 2   |            |           |        |    |    |   |
| 3   |            |           |        |    |    |   |
| 4   |            |           |        |    |    |   |
| 5   |            |           |        |    |    |   |

12 ⑥

|   |   |                    |
|---|---|--------------------|
| River Nam Ou                                | S. Ngao   | 24-10-63           |
| River Ping                                  | 40 miles W of Chiang Mai  | 10-7-63            |
| River Takwang                               | Nakon Ratchasima  | 26-7-63            |
| <del>Hu</del> Irrigation bench near Huiburi | <del>S. Hua Hin</del>   | 4-10-63            |
| Muak Lek                                    | E of Sara Buri  | 27-7-63            |
| Chiang Mai                                  | town-meat   | 28-10-63           |
| 2 km S                                      | Tung Song   | 17-12-63           |
| Pattani River                               | 35 km S Yala  | 16-12-63           |
| Klang 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 - Chumburi  | 14-11-63           |
| <del>Pa Noh Khas</del>                      | <del>river Pong Hleei</del> <sup>Petlabur</sup> <del>Ban Wang</del> | <del>28-6-64</del> |
| SAI YOK                                     |   | 4-2-64             |
| Nakhon Chaisi                               |   | 25-3-64            |
| 2 km W                                      | Pak Panang  | 78-12-63           |
| Klang Bang Sue                              | (Dent) Nakhon Chaisi  | 25-3-64            |
| Klang Premprachakorn                        | Danghuk - Dent  | 31-3-64            |
| Si Ayutthia Road                            | Klang around Royal Palace Garden                                    | 1-4-64             |

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

|     |   |             |       |
|-----|---|-------------|-------|
| 536 | <i>Melauoides (Stenomelania) (brunneescens) (RAYON)</i> | housei Less | 100   |
| 7   | "   | "           | 100   |
| 8   | "   | "           | A 100 |
| 9   | "   | "           | 10    |
| 540 | "   | "           | 10    |
| 1   | "   | "           | 100   |
| 2   | "   | "           | 20    |
| 3   | "   | "           | 20    |
| 4   | "   | "           | 100   |
| 5   | "   | "           |       |

~~*Palaemon*~~ ~~*labridae*~~ ~~*Stenomelania*~~ ~~*brunneescens*~~ ~~*housei*~~ ~~*Less*~~

|     |                                    |  |     |
|-----|------------------------------------|--|-----|
| 550 | <i>Melauoides tuberculata</i> Mill |  | 60  |
| 2   | <i>Stenomelania housei</i> Less    |  | 200 |
| 3   |                                    |  |     |
| 4   |                                    |  |     |
| 5   |                                    |  |     |
| 6   | <i>Paria ? baccata</i> fould       |  | 100 |
| 7   |                                    |  |     |
| 8   |                                    |  |     |
| 9   |                                    |  |     |

|     |                           |  |     |
|-----|---------------------------|--|-----|
| 560 | <i>Actinmelania</i>       |  |     |
| 1   | "                         |  |     |
| 2   | "                         |  | 120 |
| 3   | "                         |  |     |
| 4   |                           |  |     |
| 5   | <i>Paria gumpua</i> Stein |  | 20  |

|                                      |         |
|--------------------------------------|---------|
| River Huai Hu, N Udorn               | 26-6-63 |
| Klong Kurnuang, Suphan Buri          | 24-9-63 |
| San Sam Sen Nok, Bangkok             | 9-10-63 |
| Mun River - Ubon                     | 8-5-64  |
| Korung 30 km S Tamburi               | 26-3-64 |
| Mun River - Ta Tam                   | 7-5-64  |
| Si Srahet, Huai Samran               | 7-5-64  |
| Ban Huai Yang, N Saraburi            | 13-6-64 |
| Ban Pae - District Office Pw Pattani | 8-11-64 |
| River Pong, Pa Nok Khao              | 13-3-64 |

|                           |         |
|---------------------------|---------|
| Klong Ban Na - Udon Thani | 17-6-64 |
| 14 km W Korat             | 1-7-65  |

Udon Thani Samut 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 Nam Yuan - Mae Sot | 7-8-64   |

LAM

|     |                               |               |       |
|-----|-------------------------------|---------------|-------|
| 566 | Uelavides (Tarebia) granifera | Reuter        | 8V    |
| 7   | "                             | "             | ② 10V |
| 8   | "                             | "             | 10V   |
| 9   | "                             | "             | 10V   |
| 570 | "                             | "             | A 20V |
| 1   | "                             | "             | A 15V |
| 2   | "                             | "             | ② 10  |
| 3   | "                             | "             | 10V   |
| 4   | "                             | (572 H, S)    | 15    |
| 5   | "                             | "             | 15V   |
| 6   | "                             | "             | 10    |
| 7   | "                             | "             | 20V   |
| 578 | "                             | "             | 50V   |
| 9   | "                             | "             | 15V   |
| 580 | "                             | "             | 20V   |
| 1   | "                             | "             | 20    |
| 2   | "                             | "             | 10V   |
| 3   | "                             | "             | 30    |
| 4   | "                             | "             | 20    |
| 5   | "                             | "             | 10V   |
| 6   | Paludomon                     |               | 20V   |
| 7   | "                             |               |       |
| 8   | "                             |               |       |
| 9   | "                             |               |       |
| 590 | "                             |               |       |
| 1   | Tarebia                       | granifera     | 20V   |
| 2   | "                             | "             | 20V   |
| 3   |                               |               |       |
| 4   |                               |               |       |
| 5   | Paludomon                     | petrom foveol | 20V   |

|  |          |
|--|----------|
| Water Bay Tra Nam Kien, Ban Tai  | 18-3-64  |
| Kambachan, Petbun  | May 63   |
| Petbun river 56 petel dan  | 8-8-63   |
| Relo-river <sup>46 km</sup> west Pattalung                                     | 17-12-63 |
| Lampa river "  | 17-12-63 |
| Pattani River 35 km S Yala   | 16-12-63 |
| River Mae Tan N Chiang Mai   | 10-7-63  |
| River Nam On S Ngao  | 24-10-63 |
| Umal Lek - Suabun  | 28-2-64  |
| Ban Kuan; Tenbun   | 20-3-64  |
| <del>River</del> <del>River</del> <del>River</del> Pattalung Rana - Rd Baighat | 10-11-63 |
| River Kwae Yai - Bridge  | 5-2-64   |
| River Kwae Yai - Ban Ta Sao  | 6-2-64   |
| River Kice Kleng: Ban Ta Muang   | 6-2-64   |
| - Kwae Noi Di Chanchung  | 5-2-64   |
| Si Ayutthia Road, Klong around Royal Palace Jandaen                            | 1-4-64   |
| River Loei (Paen) Wang Sa Peng   | 13-3-64  |
| College of Education (Box 23) Bangkok  | 26-3-64  |
| Klong Preuprachakun; Bangkok - Donk  | 31-3-64  |
| Heung River C. Pak Heun  | 11-3-64  |
| Sai Yok Chanchabun   | 4-2-64   |
| Nai Tom River - Pattalung  | 16-7-64  |
| Yona River 41 km SO Ngao   | 2-4-64   |
| Huai Baek Saur Ten <sup>30 km</sup> W Chuan                                    | 11-8-64  |

|     |  |      |
|-----|--|------|
| 596 | Melanois spec.   | 30   |
| 7   | "  | 100  |
| 8   |  |      |
| 9 X | <del>consulat</del> <sup>forma</sup> <del>spinosus</del> <sup>spinosus</sup> sp. | 100  |
| 600 | "  |      |
| 1   | Paludomus <del>pebas</del> <sup>or</sup>   |      |
| 2   | " unata <sup>Sum</sup>   |      |
| 3   | " "  |      |
| 4   |  |      |
| 5   |  |      |
| 6   | "  | 10 V |
| 7   |  |      |
| 8   |  |      |
| 9   |  |      |
| 610 |  |      |
| 1   | Favus 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 Sang Hai; Don Sai Dist.           | 16-1-65  |
| Pako - River Mae Som (Prue)                        | 4-9-64   |
| Pako - tributary to Mae Som (Prue)                 | 4-9-64   |
| Prue Prue lake, Ubon Ratch.                        | 24-1-64  |
| <del>Prue Prue lake</del> Ban Lak Ble, opp. Sankla | 20-7-64  |
| Nanakhat, Chiang                                   | 18-7-64  |



|       |  |                               |         |
|-------|--|-------------------------------|---------|
| 626   | <i>Thiara</i> ( <sup>Plana</sup> <del>Thiara</del> ) | <i>aff. yanna scabra</i> Hill | 100     |
| 7     | "  | "                             | 10v     |
| → 629 | "  | "                             | 70      |
| → 8   | "  | "                             | (2) 100 |
| 30    | "  | "                             | 80      |
| 1     | "  | "                             | 6v      |
| 2     | "  | "                             | 40v     |
| 3     | "  | "                             | 10      |
| 4     | "  | "                             | 4v      |
| 5     | "  | "                             | 30      |

|     |                   |   |       |
|-----|-------------------|---|-------|
| 6   | <i>Melanoides</i> | ( <del>caudata</del> ) <i>jugicosta</i> Reuser? | 10v   |
| 7   | "                 | "   | 10v   |
| 8   | "                 | "   | 15v   |
| 9   | "                 | "   | 4 150 |
| 640 | "                 | <i>jugicosta</i>                                | 20    |
| 1   | "                 | "   | 10    |
| 642 | "                 | "   | 6     |
| 3   | "                 | "   |       |
| 4   | "                 | "   |       |
| 5   | "                 | "   |       |

|     |               |                      |    |
|-----|---------------|----------------------|----|
| 6   | <i>Thiara</i> | <i>scabra</i> Müller | 60 |
| 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              |
| Yona River, 41 km S Ngao                                      | 9-4-64              |
| Klong Wang Chum Pa - Klong Nua                                | 24-6-64             |
| Muak Lek, east of Sara Buri                                   | 26-7-63             |
| <del>2 km S Troop Area - Klong Wang Chum Pa</del>             | <del>16-12-63</del> |
| Klong Yai - Rayong  | 24-1-64             |
| <del>Shua near Mt. Decha Kum Bangkok - Zoo</del>              | <del>20-3-65</del>  |
| Bangkok - Dunt; Sri Ayutha Road, Klong around Palace - Garden | 7-4-64              |
| Klong Prampachakum opp. Troop Area                            | 2-4-64              |
| Klong Wang Chum - Theaburi                                    | 3-4-64              |

|                        |          |
|------------------------|----------|
| Huai Hin Fon - Mae Sot | 21-10-64 |
|------------------------|----------|

|     |                                  |                  |
|-----|----------------------------------|------------------|
| 656 | <i>Clea (Amentoma) gaudouana</i> | (MABILLE x 100   |
| 7   | "                                | " (DE MESLE) 100 |
| 8   | "                                | " 100            |
| 9   | "                                | " 50             |
| 660 | "                                | " 100            |
| 1   | "                                | " 100            |
| 2   | "                                | " 50             |
| 3   | "                                | " 20             |
| 4   | "                                | " 30             |
| 5   | "                                | " 30             |
| 6   | "                                | " 40             |
| 7   | "                                | " 90             |
| 8   | "                                | " 50             |
| 9   | "                                | " 10             |
| 670 | "                                | " 80             |

|   |                   |          |
|---|-------------------|----------|
| 1 | <i>Melanoides</i> | spec. 20 |
| 2 | "                 | 10       |
| 3 |                   |          |
| 4 |                   |          |
| 5 |                   |          |
| 6 |                   |          |
| 7 |                   |          |
| 8 |                   |          |
| 9 |                   |          |

|     |                                  |                         |
|-----|----------------------------------|-------------------------|
| 680 | <i>Clea (Amentoma) gaudouana</i> | (MABILLE et de MESLE) 8 |
| 1   | "                                | " 50                    |
| 2   | "                                | " 80                    |
| 3   | "                                | " 100                   |
| 4   | "                                | " 30                    |
| 5   | "                                | " 100                   |

|  |         |
|--|---------|
| 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 Haeng near Udorn                               | 5-1-64  |
| Swamp at the road to Nahon Pathum, 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 Wui, "                                   | 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 Samnan - 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 |
| Nahon Pathum, 12 km W town                | 25-7-63 |
| Huai Ta Chok - Buriram Prov - Klang Klang | 13-3-65 |
| Bang Pa-in - Palace garden                | 31-5-65 |

686 *Melanoides nigropalustris* Sakai  
 7 " "  
 8 " "  
 9 " "  
 690 " "  
 1 " "  
 2 " "  
 3 *Neritina* *obesa* Lamour  
 4 " "  
 5 " *djadjanensis* Lamour 100  
 6 " "  
 7 " "  
 8 " "  
 9 " "  
 700 " "  
 1 " "  
 2 " "  
 3 *Neritina* *violacea* Lamour 50  
 4 " "  
 5 " "  
 6 " "  
 7 " "  
 8 " "  
 9 " "  
 710 *Neritina* (*Urtidea*) *variegata* Lamour 100  
 1 " "  
 2 " "  
 3 " "  
 4 *Clithon* (*Pictenerita*) *ovalatum* Lamour 100

Klang Chandi; near Railway Bridge 18-12-63  
 Ti Wang Village 3 - Tiang Song 17-12-63  
 Huai Na Tee Klong N Pramburi 4-10-63  
 River Pong am Pa Nok Kao 13-3-64  
 Swamp S Sri Racha - Chemburi Pond 10-6-64  
 Bandar - Kirirat 15-7-64  
 Mauncun Kirirat - Bandar 15-7-64  
 Klang Brang Nara - Naraivat 18-7-64

| Number | Species                           | Count   | Notes |
|--------|-----------------------------------|---------|-------|
| 716    | <i>Dudoplenorbis 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      | "                                 | 10v     | (V)   |
| 7      | "                                 | 10      |       |
| 8      | "                                 | 10      | (V)   |
| 9      | "                                 | 10      |       |
| 740    | "                                 | 20      |       |
| 1      |                                   |         |       |
| 2      |                                   |         |       |
| 3      |                                   |         |       |
| 4      |                                   |         |       |
| 5      |                                   |         |       |

*discus* (MURZLET)

| Location  | Date               |
|---|--------------------|
| 12 km N Phuket  | 13-12-63           |
| <del>Long Ban</del> <del>Lampun</del> west of Udorn Thani | <del>27-6-63</del> |
| Lake Bang Prae near Chon Buri                             | 17-5-63            |
| Tonburi: Hong Kham Klang, Rajawithi Road, Bangkok         | 25-6-63            |
| Tonburi Hong Kham   | 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           |
| Sam-Sen Nai, Byk-Dunt                                     | 10-10-63           |
| Ban Sapea (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 south   | 26-10-63           |
| km 40.7 road to Mae Sariang                               | 28-10-63           |
| Lampoon; rampant-dithe                                    | 27-10-63           |
| km 40. Chiang Mai - ramp opp. rampant dithe               | 6-8-63             |
| Chiang Mai, Tamn Yae Nawarat                              | 26-11-63           |
| Hao 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            |
| Talabum Village, Nan Prov                                 | 8-4-64             |

|       |                   |                   |        |           |
|-------|-------------------|-------------------|--------|-----------|
| ✓ 746 | <i>Trochorbis</i> | <i>trochoides</i> | BENSON | ○ 70      |
| ✓ 7   | "                 | "                 | "      | ○ 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>Helicorbis</i> | <i>umbilicatus</i> | Benson | 10 (○) |
| 7 |                   |                    |        |        |
| 8 |                   |                    |        |        |
| 9 |                   |                    |        |        |

|     |                   |                    |        |      |
|-----|-------------------|--------------------|--------|------|
| 770 |                   |                    |        |      |
| ✓ 1 | <i>Helicorbis</i> | <i>umbilicatus</i> | Hutton | ○ 2  |
| 2   | "                 | "                  | "      | 20 ✓ |
| 3   |                   |                    |        |      |
| 4   |                   |                    |        |      |
| 5   |                   |                    |        |      |

|  |          |
|--|----------|
| Ban Kluen B. Ton Buri                                    | 26-6-63  |
| Pracharat Road - Bangkok-Dusit                           | 18-7-63  |
| Prayathai " " "  | 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 Dam 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 - survey 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 Station 17-12-64

|   |          |
|---|----------|
| Chiang Mai - dist. along road "Gao Navarit" | 27-11-63 |
| 2 Km S Chumburi                             | 14-11-64 |

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

(3) (V)  
 20 (V)  
 5 (V)

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

Ban Uen near Bangkok 25-6-63  
 Klong by ~~Sracharat Road~~ <sup>Ding Den - Road</sup> Bangkok - ~~Ding Den~~ <sup>Ding Den</sup> 27-7-64  
 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; Chulalongkorn Univ 18-11-63  
 Bang Kru; Chachoeng Sao 14-11-63  
 Bangkok - Prakanung; Chulalongkorn Univ. 16-1-64  
 Plakhet of Plakhet 12-12-63  
 Si Uat Kuan. Bangkok - Dunt 16-1-64  
~~Chulalongkorn University~~ Klong Oumet Ensoy <sup>Dunt</sup> 18-8-64  
 Bangkok - Dunt - Ding Pan Road 14-1-64

✓ 2 " "  
 3 " "  
 4 " "  
 ✓ 5 " "  
 ✓ 6 " "  
 7 " *convexusculus* Hutton  
 ✓ 8 " "  
 ✓ 9 " *depressus* Hutton *confusus* Robelonne  
 800 " *convexusculus* Hutton  
 ✓ 1 " "  
 12 " "  
 13 " "  
 14 " "  
 15 " "

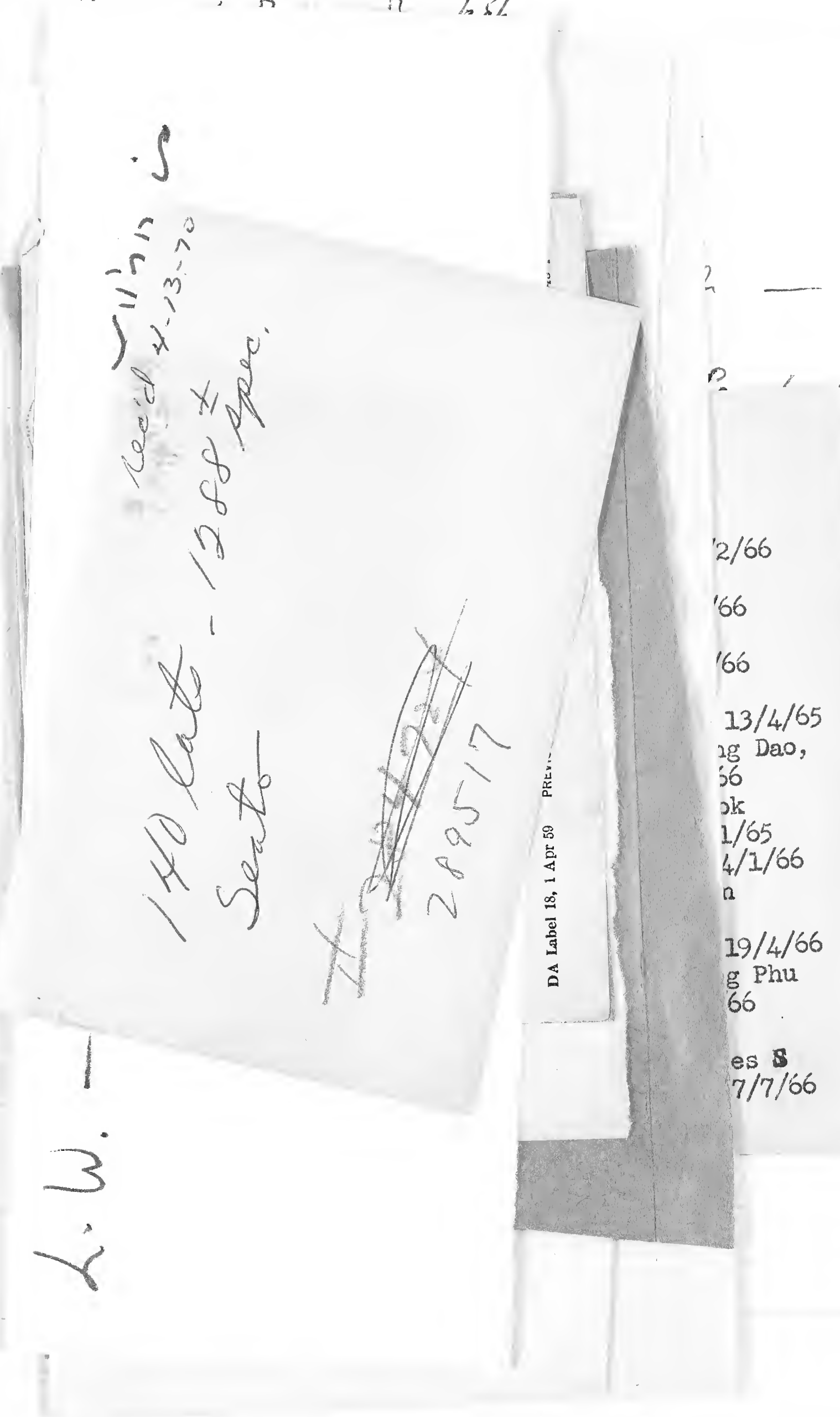
20 V (V)  
 20 V (V)  
 20 V (V)  
 (2) 20 V  
 7 V  
 (2) 15 V  
 10 V (V)  
 (2) 10 V (V)

|     |  |        |
|-----|--|--------|
| 806 | <i>Zycaenia convexiusculus</i> (HUTTON)  | 10     |
| 7   | " "                                      | 10 ✓   |
| 8   | " "                                      | 10 ✓   |
| 9   | " "                                      | 10     |
| 810 | " "                                      | 10 ✓   |
| 1   | " <i>depressus confusus</i> Roche Courte |        |
| 2   | " "                                      | 5 ✓    |
| 3   | " <i>convexiusculus</i> Hutton           | 10     |
| 4   | " "                                      | 10     |
| 5   |  |        |
| 6   |  |        |
| 7   | " <i>confusus</i> Rothelme               | 10     |
| 8   |  |        |
| 9   |  |        |
| 820 |  |        |
| 1   | <i>Radix siamensis</i> Lea subsp. nov.   | 5      |
| 2   | "  |        |
| 3   | "  |        |
| 4   | "  |        |
| 5   | "  | 10 ✓   |
| 6   | "  |        |
| 7   | "  | 0 10 ✓ |
| 8   |  |        |
| 9   |  |        |
| 830 |  | 100    |
| 1   |  |        |
| 2   | "  | 100 ✓  |
| 3   |  |        |
| 4   |  |        |
| 5   |  |        |

|  |          |
|--|----------|
| Klong at School of Trop. Med. Bangkok              | 13-8-63  |
| Wan Kham Tamburi                                   | 27-7-63  |
| Klong at Prachin Road, Bangkok-Durit               | 16-7-63  |
| Ban Kun-Tian near Tamburi                          | 27-7-63  |
| Tamburi - Banichanon                               | 20-3-64  |
| Prachin Road - Bangkok - Durit                     | 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 | 7-7-63   |
| Wan Kham - Tamburi Chiang Mai, Kasapat-ditch       | 6-7-63   |
| Pakun Tauri  | May 63   |
| San Sen Nai, Bgh - Durit                           | 10-10-63 |

|       |       |          |         |         |
|-------|-------|----------|---------|---------|
| 836   | Radix | spadicea | MORELET | 0 10'   |
| 7     | "     |          |         | 0 10v   |
| 8     | "     |          |         | 0 20x   |
| 9     | "     |          |         | (2) 40  |
| ✓ 840 | "     |          |         | (2) 08v |
| 1     | "     |          |         | 10v     |
| 2     |       |          |         | 40      |
| ✓ 3   |       |          |         | (2) 5v  |
| 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 Thien, Tonkin



L.W. -

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



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 stylized handwritten signature or set of initials, possibly 'JW', enclosed in a large loop.

DEPARTMENT OF THE ARMY

POSTAGE AND FEES PAID  
DEPARTMENT OF THE ARMY.

DEPARTMENT OF MEDICAL ZOOLOGY  
U. S. COMPONENT SEATO MED. RESEARCH LAB.  
APO SAN FRANCISCO, 96346

OFFICIAL BUSINESS

U.S. National Museum  
Smithsonian Institution  
Division of Mollusks  
Washington, D.C. 20560

Received

4-13-1970

~~#284724~~

289517

**DEPARTMENT OF THE ARMY**

POSTAGE AND FEES PAID

DEPARTMENT OF MEDICAL ZOOLOGY  
U. S. COMPONENT SEATO MED. RESEARCH LAB.  
APO 146  
SAN FRANCISCO, CALIF.

OFFICIAL BUSINESS

Department of Mollusks  
National Museum



rec'd 4/25/70

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

Dr. R. Sandt

Component Seato 1-1-68

12 vob

420 specimens

DEPARTMENT OF THE ARMY

POSTAGE AND FEES PAID

DEPARTMENT OF MEDICAL ZOOLOGY  
U. S. COMPONENT SEATO MED. RESEARCH LAB.  
APO SAN FRANCISCO, 96346

6/25/20

OFFICIAL BUSINESS

U.S. Natinal Museum  
Smithsonian Institution  
Attn.: Dr. J. Morrison  
W a s h i n g t o n , D.C. 20560

**DA LABEL 18**  
1 APR 59

PREVIOUS EDITIONS OF THIS LABEL ARE OBSOLETE.

☆ GPO : 1962 O - 668963



*Modellnaia samensis* pent size glass jar  
Brant collection.

DEPARTMENT OF THE ARMY

POSTAGE AND FEES PAID

DEPARTMENT OF MEDICAL ZOOLOGY  
U.S. COMPONENT SEATO MED. RESEARCH LAB.  
APO SAN FRANCISCO, 96346

OFFICIAL BUSINESS

Smithsonian Institution  
U.S. National Museum  
Attn.: - Dr. J.P.E. Morrison  
Washington, D.C.  
20560

4/25/70

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

~~\_\_\_\_\_~~

Rec'd 6/25/70

Dept. of Med. Zoology  
U.S. Government Center, Med.

PPO 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 | spadicea | MORELET | 0 10'         |
|-------|-------|----------|---------|---------------|
| 7     | "     |          |         | 0 10v         |
| 8     | "     |          |         | 0 20x         |
| 9     | "     |          |         | (2) 40        |
| ✓ 840 | "     |          |         | (2) 0 8v      |
| 1     | "     |          |         | 10v           |
| 2     |       |          |         | <del>40</del> |
| ✓ 3   |       |          |         | (2) 5v        |
| 4     |       |          |         | 10v           |
| 5     |       |          |         |               |
| ✓ 6   |       |          |         | (2) 10        |
| 7     |       |          |         | pc            |
| 8     |       |          |         | 10            |
| 9     |       |          |         | 10v           |
| 850   |       |          |         |               |
| 1     |       |          |         |               |
| 2     |       |          |         |               |
| 3     |       |          |         |               |
| 4     |       |          |         |               |
| 5     |       |          |         |               |
| 6     |       |          |         |               |
| 7     |       |          |         |               |
| 8     |       |          |         |               |
| 9     |       |          |         |               |
| 860   |       |          |         |               |
| 1     |       |          |         |               |
| 2     |       |          |         |               |
| 3     |       |          |         |               |
| 4     |       |          |         |               |
| 5     |       |          |         |               |

|                                       |          |
|---------------------------------------|----------|
| Ban Kun Theun, Tonburi                | 27-6-63  |
| Pacharat Road, Bangkok                | 16-7-63  |
| School of Imp. Rec. Bangkok           | 15-5-63  |
| Mae Tam near Phayao                   | 26-10-63 |
| Wong Bua Long Dam - 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 Kluao Sam Koi Yot / Pramburi | 6-10-63  |
| Chiang Mai - Taum Sao 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

*Peromia*

2

3

4

5

6

7

8

9

890

1

*Amerianna* *costaricensis* Adams

2

"

"

3

4

5

~~10~~

10

32

Bangkok - Duesen - Klang Praeparation

9-1-64

Klang Praeparation - Bangkok  
Klang around Tui - Oeb - Bangkok

18-6-65

896

7

8

9

900

1

*Slypha plysca*

50

Thunburi: Ban Yun Si - wet lake

4-1-65

2

3

4

5

6

7

8

9

910

1

*Elletium curvisurdae* L

3

Green river / west of Chantaburi

7-6-63

2

3

4

5

6

7

8

9

920

1

" *curvisurdae* L

2



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 | <i>Micromelampus</i> | <i>hansenii</i> | Makun | 0 | 5 ✓  |
| 7   | "                    | "               |       |   | 10 ✓ |
| 8   | "                    | "               |       |   | 1 ✓  |
| 9   | "                    | "               |       |   | 1    |

960  
1 (*Rivomarginella morrisoni* Braudt.)

2

3

4

5

6

7

8

9

970

1

2

3

4

5

6

7

8

9

9

980

1

2

3

4

5

|  |         |
|--|---------|
| Klong Rapatee W Saraburi                         | 28-5-63 |
| Prachin river near Kabin Buri                    | 27-2-64 |
| Klong <sup>P. Prap</sup> <del>Prap</del> / Dusit | 26-3-64 |
|  | 26-3-64 |

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

|     |                                     |        |    |
|-----|-------------------------------------|--------|----|
| 986 | <i>Hydrotrivoides clausenbergsi</i> | Walker | 70 |
| 7   | "                                   | "      | 80 |
| 8   | "                                   | "      | 50 |
| 9   | "                                   | "      | 90 |

990  
1  
2  
3  
4  
5  
6  
7  
8  
9

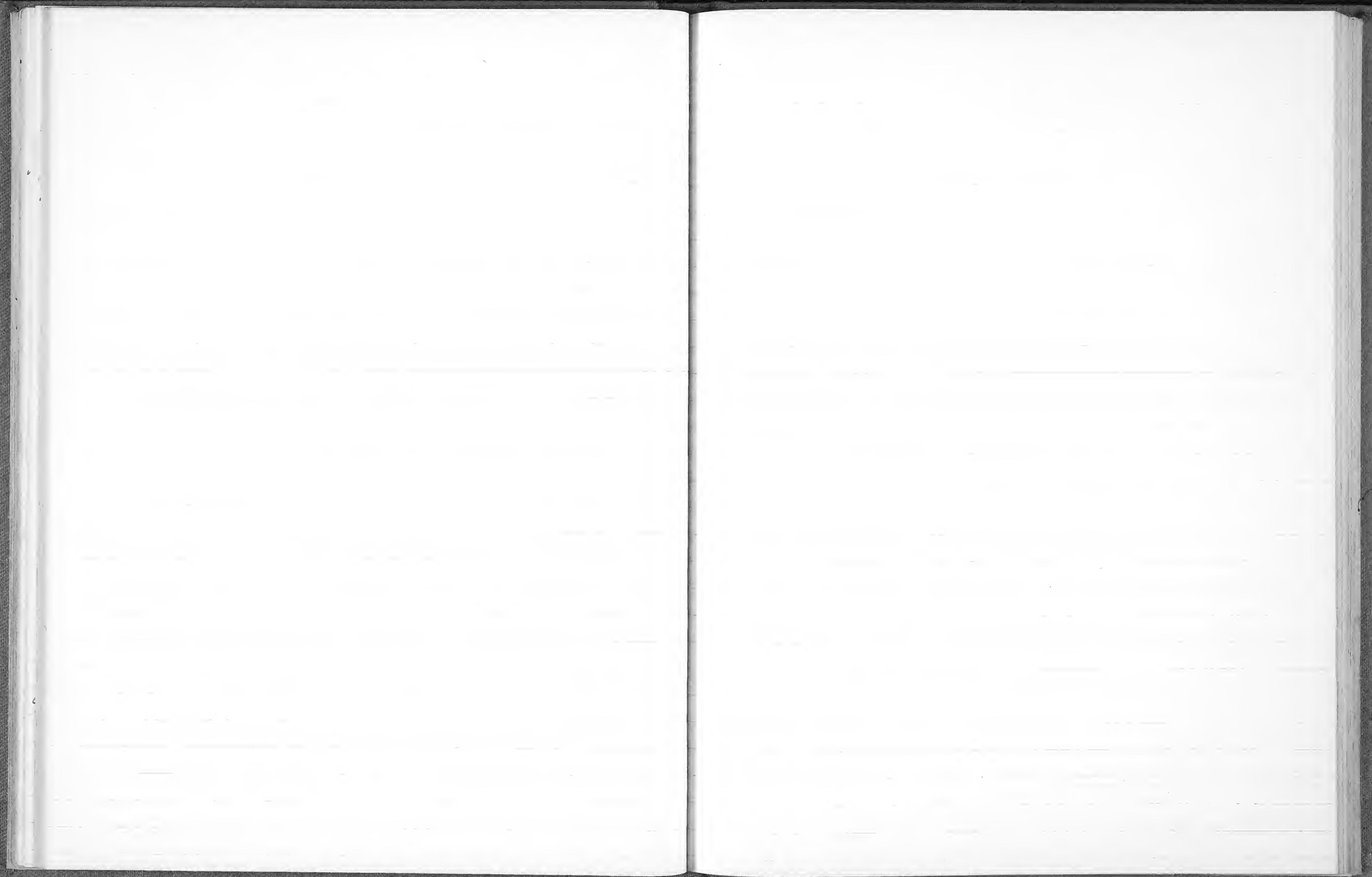
1000  
1  
2  
3  
4  
5  
6  
7  
8  
9

1010  
1  
2  
3  
4  
5

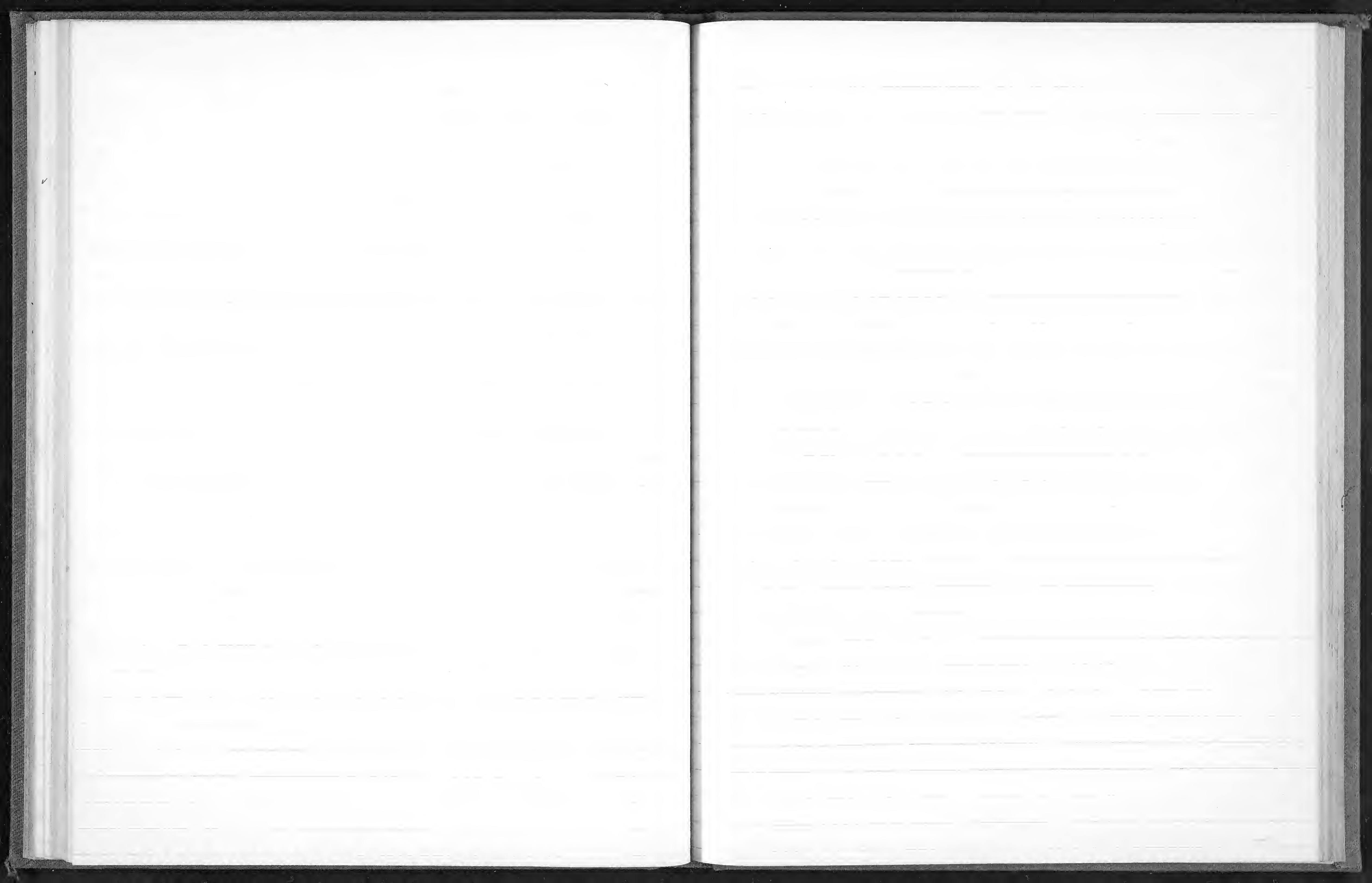
Ban Chiang Nam - Pakongthe 13-12-64  
 Muai Mae Hai ; 35 km SW Lampang 5-9-64  
 Mae Ra De - 14.5 km from Chiang Mai 9-9-64  
 Mae Jo - Dep. of Forestry - - - 9-9-64



1286

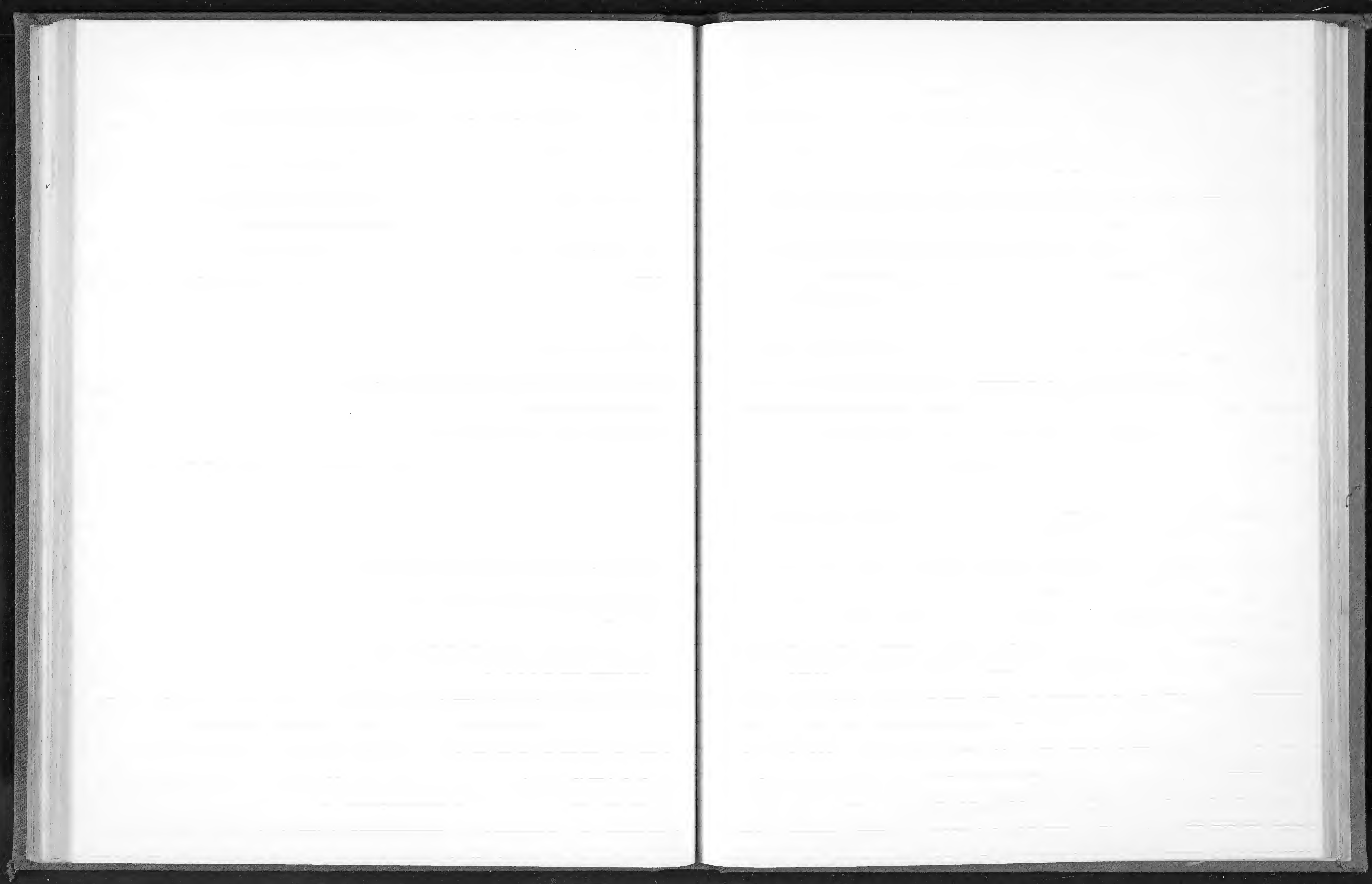


1586





1886



2186

22 16

2246

2276

2206

- 7
- 8
- 9

2310

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

2320

- 1
- 2
- 3
- 4
- 5

*Myrica nana*

3

" "

2 (✓)

River Gwae Noi near Nam Tok

4-2-64

Nam River - Pitbanolokh

14-1-65

2336

7

8

9

2340

1

2

3

4

5

6

7

8

9

2350

2

1

3

4

5

6

*[Faint handwritten text]*

3

u

u

7

River Urae Uri behi. Naeu Tok and Sai Yoh 5-2-64

River Naeu - 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>Contraclonus Contraclonus</i> | 4                    |
| 2 | "                                |                      |
| 3 | "                                |                      |
| 4 | "                                |                      |
| 5 | "                                | <i>ang. cruentus</i> |
| 6 | "                                |                      |
| 7 | "                                |                      |
| 8 | "                                |                      |
| 9 | "                                |                      |

① TV ✓  
70  
70 ✓  
30  
10 ✓  
5 ✓  
10 ✓

2420

|   |  |    |
|---|--|----|
| 1 |  |    |
| 2 |  |    |
| 3 |  | 14 |

2

|                               |         |
|-------------------------------|---------|
| Perak river, Seraburi         | 27-5-63 |
| Huei Luang - Udon             | 4-1-65  |
| River Kwae Noi, Chandana Buri | 6-2-64  |

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

|  |         |
|--|---------|
| Lopburi - rice field behind Wat Prum Mat | 4-5-64  |
| Prachin Buri River - Udon Buri           | 27-2-64 |
| Lopburi River                            | 24-4-64 |

|                               |         |
|-------------------------------|---------|
| River Lam Choem near Non Kham | 13-3-64 |
|-------------------------------|---------|

2426

7

8

9

2430

1

2

3

4

5

6

7

8

9

2440

1

*Surinella injelnicum* Lee

2

3

(17)

4

(2)

5

6

7

8

9

2450

1

2

3

4

5

10 (✓)

5 (✓)

10 (✓)

6 (✓)

10 (✓)

2 (✓)

5 (✓)

6 (✓)

15 (✓)

15 (✓)

10 (✓)

2 (✓)

10 (✓)

Mae Jo - Chiang Mai - Dep. of Forestry

9-8-62

Pasak River W. Saraburi

27-5-63

Ban Pua, Selojogarten

25-7-63

Klong Prae - Bangkok - Bang Su

2-4-64

Lopburi; peddy field behind Wat Pra Keet

4-5-64

River Moon, Ban Te Tum

6-5-64

Huey Samren; Sri Saket

7-5-64

Lopburi; Lopburi River

24-4-64

HO.

Huai Luang - Ban Te Tum, Prut Udon

4-1-65

Klong Min - Chaudee

14-2-65

Huai Kha Yung - Moon River

14-3-65

2456 *Euclea ingalanensis* Decc  
7  
8  
9

5 (M)  
10 (C)

2460  
1 *Arcaeaia superbus* tea  
2  
3  
4  
5  
6  
7  
8  
9

3L

2470  
1  
2 *Nauclea subtriata* (Decc)  
3  
4  
5  
6  
7  
8  
9

2480  
1  
2  
3  
4  
5  
n n

Klong Hwai Cha - Ang Teng Pw.  
Ban Gien Nam<sup>Ton</sup> - S. Kien Nam

13-4-65  
23-4-65

Klong Napipatt W. Saraburi

27-5-63

Klong San Mo; Jaeng Kro; Chaiyapoom

17-1-65

2486  
7  
8  
9

2490

|   |            |            |        |
|---|------------|------------|--------|
| 1 | Centraduus | Centraduus |        |
| 2 | "          | "          |        |
| 3 | "          | "          | inseq. |
| 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 Per-in   | Schloppark                 | 25-7-63 |
| Klong Sam Mo | Zang Kro-                  | 17-1-65 |
| Hwai Duang   | N Udun                     | 4-1-65  |
| Hwai Chan    | lung Teng                  | 13-7-65 |
| 4 Moon River | Hwai Khe Yang / Ban Ta Tum | 17-3-65 |
| Hway Samran  | Sri Saket                  | 7-5-64  |

|                           |                      |         |
|---------------------------|----------------------|---------|
| River Kwan Noi            | Kuan Nam TSK         | 4-11-64 |
| Ace To                    | Chiang Mai           | 9-9-64  |
| Sana Pan                  | Pathalang            | 17-7-64 |
| Ban Nong Suang            | Korat                | 7-12-64 |
| Klong <del>Hwai</del> Min | Changree             | 14-2-65 |
| Hwai Ja                   | Pu Kiao - Chaiyaporn | 17-1-65 |

2516  
7  
8  
9

2520

1 *Nodularia caerulea* LEA 10  
2  
3 *Plectrolophus 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. undembaulti* elliptica (unred) 30  
2  
3  
4  
5

Bang Pa In 25-7-63

Pong River near Pong Nib Dam 22-8-65

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

Pasak River - Saeng Koi 1-4-65

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 ~~P. Monodonta~~ <sup>isoc. calyptra</sup> ~~papilionata~~ <sup>Coeh. Marten</sup> 3v
- 2 " " 5v
- 3
- 4
- 5
- 6
- 7
- 8
- 9

2560

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

2570

- 1
- 2
- 3
- 4
- 5

Lopburi, swamp behind Wat Pramat 4-5-64

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

B. Klang Bang Prae - Bang Prae - Ratburi 7-11-64

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

2576

7

8

9

80

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

2 " " 19 5024

3 " " "

4 " " 20

5

6

7

8

9

90 " " 50

1 " " 10.5.5

2 " " 20

3

4

5

6

7

8

9 *Pseudolan inc. calliper* *markus* 100

2600

1

2

3

4

5

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 Sibofpauk

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



2606

9

7

8

9

2610

1

*Palaoryzocunda exilis* LEA

50

2

20

3

30

4

20

5

100

6

100

7

50

8

100

9

50

2620

100

1

20

2

100

3

30

4

10

5

40

6

50

7

50

8

100

9

2630

100

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

" Riam Rung near Ban Ta Luang

24-4-64

Nen Tha Faen N Nakhon Pathom

3-9-63

Lopburi, paddy field behind Wat Pra Mat

4-5-64

Ban Pae, Rattani

7-11-64

Wat Uoen; Ayuttia

19-3-65

Ban Sao Teng; Ban Paethon; Rattani Prov.

30-11-64

Ban Mahachulalai - Mueang Tung

18-2-65

Parak River - Ta Luang

28-5-63

Ban Ta Tam - Udon Prov.

4-1-65

Mun River - Sai Ngam

2-4-65

Takong River Kurat

2-4-65

Minhawi

15-5-63

Bang Pa-m

25-7-63

Petburi River - Petburi

5-10-63

Klong Min Udon

18-2-65

Lopburi - River - Lopburi

23-4-64

Klong Sue

Klong Bang ~~Pa~~ Pra

2636

7

8

9

2640

1

*Mantonia rivicola* (Sowerby)

20

2

3

4

5

6

7

8

9

2650

1

2

3

4

5

6

*Cristaria plicata bellua* Newell

20

7

8

9

2660

1

2

3

4

5

New River - Ban Te Fun - Pwé Suin 6-5-64

Ban Jee Tern S. Ven Kaen - Lam Uei 23-4-65

2666  
7  
8  
9

2670  
1  
2  
3  
4  
5  
6  
7  
8  
9

2680

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

20  
20  
20  
30

Bang-Pa-Du; Garden of Royal Palace  
River Nam; The Tom  
River Nam; Ubon  
Huai Ka Yung - Nam River

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

2690  
1  
2  
3  
4  
5

2696

7

8

9

2700

1

2

3

4

5

6

7

8

9

2710

1

Corbicula

2

"

200

3

"

500

4

5

"

500

6

"

<sup>2</sup> squalida

200

7

"

lydisiana

100

8

9

2720

1

"

lydisiana Prime

200

2

"

"

200

3

4

"

squalida Der.

200

5

500

Banta Tim - Klang Luang - N Udon  
Chumburi

24-4-64

24-8-64

~~Ban Paen, Prov. Ayutthia~~

2-10-64

Bang Chang; Petburi

16-10-64

Udon River - SAI NGAM

1-4-65

Dopburi - Dopburi - River

23-3-64

Maenam Nisat - Bandun

15-7-64

Petburi River - Petburi

20-3-65

Ban Paen, Ayutthia

2-10-64

|      |           |           |         |    |
|------|-----------|-----------|---------|----|
| 2726 | Corbicula | lyelliana | Primer  | 30 |
| 7    |           |           |         |    |
| 8    |           |           |         |    |
| 9    |           |           |         | 20 |
| 2730 | "         |           |         | 20 |
| 1    | "         |           |         |    |
| 2    | "         |           |         |    |
| 3    | "         |           |         |    |
| 4    | "         |           |         | 10 |
| 5    |           |           |         |    |
| 6    |           |           |         |    |
| 7    |           |           |         |    |
| 8    |           |           |         |    |
| 2740 | "         | riamensis | Prashed |    |
| 1    |           |           |         |    |
| 2    |           |           |         |    |
| 3    |           |           |         |    |
| 4    | "         |           |         |    |
| 5    |           |           |         |    |
| 6    |           |           |         |    |
| 7    |           |           |         |    |
| 8    |           |           |         |    |
| 9    |           |           |         |    |
| 2750 | "         | "         | "       | 20 |
| 1    | "         |           |         | 10 |
| 2    |           |           |         |    |
| 3    |           |           |         |    |
| 4    |           |           |         |    |
| 5    |           |           |         |    |

Nam River Brantem River 18-3-65  
 Nam River - Primer 1-4-65

Huei Lam dai; Loei 16-1-65

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

2752

7  
8  
9

2760

1 *Modiolina*

2  
3  
4  
5  
6  
7  
8  
9

2770

1 *Modiolina timuoperna*

2  
3  
4

2775

6 *Oreiosensu / timuoperna nansenii* Newell 10

7 - - - 10

8 - - - 10

9

2780

1  
2  
3  
4

2785

~~Mollusca Kirint - Bandun~~ 19-7-64

River Pasak / es Sumbawa 17-5-63  
Kling Rajipat - - 17-5-63  
Bany Pa-in - Palace Gueban 31-5-63

2786

7

8

9

90

1

2

3

4

5

6

7

8

9

2800

1 Pini di... *javanicum* ~~NEVILL~~ JUTTING 10 v

2 " " " 3 v

3 " *clarkeanum* NEVILL 10 v

4 " " " 5 v

5 " " " 5 v

6 " *sumatranum* MARTENS 3 (v)

7 " *javanicum* JUTTING 10 v

8 " " " 4

9 " " " 10 (v)

2810

1

2

3

4

5

50 km at Tak → Mae Sot 22-10-63

Huai Khe Ba NW Lamphunburi 21-6-63

Takung-nong, Nam Ban 25-7-63

Seri Yok NW Lamphunburi 4-2-64

River Nam On / Ngao 24-10-63

between Ban Khe Champa and Ban Khe Ka Pra 10-3-64

Stream 16 km N Nam near Ban Pak Ngao 8-4-64

Klong Prayachakun 9-1-64

Mae Poon Falls - Lap Lee - Utaadit 25-8-64

River Moei - W Mae Sot 22-10-64

2816

7

8

9

2820

1

2

3

4

5

6

7

8

9

2830

1

*Pisidium*

2

3

4

5

6

7

8

9

2840

1

*Modiola*

Along Rama  $\bar{V}$  Road

9-1-64

Maunam Kirirot - Sandan

14-7-64



2

2

2

