

File No. Gardens 4/2602

Collection No.

19

Pros. Nos.  
Serial

R

Subject.

Monthly report on the Activities of the  
SYONAN-TO BOTANICAL GARDENS, MUSEUM & LIBRARY.

Connected Papers  
~~Previous References.~~

Later References.

Gardens 4/2602<sup>A</sup> - Data for Monthly Reports

QUADRUPPLICATE  
BOTANIC GARDENS.

Report on activities outside the Botanic Gardens formerly  
under control of the Gardens Department.

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1. Government House Grounds. In a shed in the grounds were kept 5 motor grass-mowers and some hand mowers. It is desirable that these should be taken to the Botanic Gardens for cleaning and safe custody.

There were formerly some valuable plants in the nursery at Government House, which should be brought to the Botanic Gardens for safe keeping if they still exist.

2. Forest Reserves. Three areas of natural forest in the Island were until February 1942 controlled by the Gardens Department. They were :-

(a) 200 acres at Bukit Timah, the original forest on the hill, which is the best area of primitive forest in or near Singapore Island.

(b) 55 acres of Mangrove forest at the 14th mile, Woodlands Road.

(c) 1373 acres of Mangrove forest at Pandan and Peng Kang.

These were maintained as Nature Reserves, with a small staff of labourers under a Forest Ranger. The Forest Ranger had (and still has) a motor bicycle on which he visited all the Reserves regularly. It is suggested that the Gardens Department should resume control of these areas to protect the forest from wood-cutters. In that case the Forest Ranger should resume his patrol. He had formerly a petrol allowance of 7 gallons monthly for this purpose. An allowance of 4 gallons monthly would enable him to visit Bukit Timah regularly and the other Reserves occasionally.

Inventory  
of  
Furniture Etc.  
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No.	Name of Article	No.	Metal or Wood	Remarks
<u>DIRECTOR'S OFFICE</u>				
1	Safe	1	Metal(iron)	In use
2	Cabinet for Office files	1	" "	"
3	Cabinet for Drawings (Fireproof-heat-proof etc.)	1	Wood(teak)	2
4	Book-case, revolving	1	" "	"
5	Book-case with sliding doors & glass front	2	" "	"
6	Table with drawers	2	" "	"
7	Chair	2	Bent wood	"
<u>CLERK'S OFFICE &amp; LIBRARY</u>				
8	Book-racks fitted to building	7	Metal(iron)	"
9	Book-racks with slanting tops	2	Wood	2
10	Book-case with sliding doors & glass fronts	2	Wood(teak)	"
11	Cupboard for stationery, small	1	"	2
12	Cupboard for stationery, large with lock	1	"	"
13	Cupboard with expanded metal doors for housing periodicals	4	"	"
14	Cupboard without doors for books etc. long	2	"	"
15	Table with drawers	2	"	"
16	Table, typewriter with drawers	2	"	"
17	Table, square	1	"	"
18	Chair	5	Bent-wood	"
19	Chair, large	4	Rattan	"
20	Chair, small	2	"	"
21	Index-cabinet, of two drawers	10	sets Metal	"
22	Filing-cabinet	1	Metal(steel)	"
23	1 Typewriter, Imperial Model 50, no. 2712(carriage 12") embossed no. 178731	1	Metal	"
24	Typewriter carriage, 20", no. A.D.X. 25	1	"	"
25	Typewriter, Imperial Standard Model D, no. 57006 (carriage 12")	1	"	"
26	Clock, brass, mounted on wooden board & fitted to wall	1	"	"
27	Fire-extinguishers(Firesnow)	2	"	"
<u>BOONS' ROOM</u>				
28	Almeirah for Office forms, files etc.	1	Wood	"
29	Cupboard	1	" (teak)	"
30	Cupboard with sets of drawers for forms etc.	1	Wood	"

Item	Name of article	No.	Metal or Wood	Remarks
<u>PHONE ROOM (contd):</u>				
31.	Table without drawers	1	Wood	In use
32.	Chair	1	Bent wood	"
33.	Bench, long	1	Wood(teak)	"
34.	Copy-press	1	Metal(iron)	"
35.	Scale with weights - $\frac{1}{2}$ oz. to 1 lb. (small)	1	Metal	"
36.	Basin fitted to wall	1	Glazed ware	"

HERBARIUM:

37.	Cabinet (double), standard herbarium	104	Wood(teak)	"
38.	Cabinet (single), large	7	"	"
39.	Cabinet for unnamed specimens, small	32	" (teak?)	"
40.	Cabinet, duplicates storage	8	"	"
41.	Cabinet, Palm	11	"	"
42.	Cabinet, timber	4	"	"
43.	Cabinets for labels	1	"	"
44.	Cabinet for field labels	1	"	"
45.	Cabinet	2	Metal(iron)	"
46.	Cabinet, book-fumigating	1	Zinc	"
47.	Index-cabinet, of 2 drawers	3 sets	Metal(zinc)	"
48.	Book-case with glass front	2.	Wood	"
49.	Cupboard, table storage	4	"	"
50.	Book-rack, open	2	"	"
51.	Table with drawers	5	"	"
52.	Table(simple)	4	"	"
53.	Table	8	"	"
54.	Table with typewriting with drawers	1	"	"
55.	Chair	7	Bent wood	"
56.	Stool	10	Wood	"
57.	Typewriter, Imperial, Standard Model 50, no. 213463(carriage 12")	1	Metal	"
58.	Typewriter, Remington, standard(old), no. RX77234(carriage 12")	1	"	"
59.	Press	34	" (iron)	"
60.	Camp equipment	2	Boxes	"
61.	Bin, specimen	5	Wood	"
62.	First Aid Box	1	"	"
63.	Bottle, spirit, large	1	Glass	"
64.	Tray	1	" (china)	"
65.	Paper cutter	1	Metal & Wood	"
66.	Pulley	1	Wood	"
67.	Rope	1	Fibre	"
68.	Ladder	2	Wood	"
69.	Fire-extinguishers	2	Metal	"
<del>XXXXXXXXXXXXXXXXXXXX</del>				

LABORATORY:

70.	Cupboard, Specimen	2	Wood	"
71.	Cupboard for chemicals & apparatus	6	"	"
72.	Case, specimen	9	Metal	"
73.	Book-case	2	Wood	"
74.	Shelves for books	2	"	"
75.	Table with drawers	1	Wood(teak)	"
76.	Bench for Orchid specimens	2	"	"

Item	Name of Article	No.	Metal or Wood	Remarks
<u>LABORATORY (contd):</u>				
77	Microscope (Baker)	1	Metal	In use
78	Microscope, dissecting	1	"	" "
79	Hydrometer	3	Glass	" "
80	Hair Hygrometers	2	Metal	" "
81	Chemical balance	2	"	" "
82	Autoclave	1	"	" "
83	Stove, kerosene oil	1	"	" "
84	Microtome	1	"	" "
85	Fire-extinguisher	1	"	" "
<u>ASSISTANT CURATOR'S OFFICE:</u>				
86	Book-rack	1	Metal (iron)	In use
87	Racks (with some drawers) for storing Index Cards	3	Wood	" "
88	Almeirah for storing specimens in spirit	6	Wood (teak)	" "
89	Almeirah with glass doors for storing specimens in spirit	4	Wood (teak)	" "
90	Almeirah (white-washed) for storing specimens in spirit	4	Wood	" "
91	Almeirah (wire-netted on three sides) for storing specimens in spirit	1	Wood	" "
92	Cupboard with shelves & doors of wire-netting	1	Wood	" "
93	Chest with sets of drawers	1	Wood	" "
94	Table with drawers	1	Wood (teak)	" "
95	Chair	1	Bentwood	" "
96	Notice-board (black)	1	Wood	" "
97	Clock fitted to doorway frame	1	Metal (Brass)	" "
98	Table, large folding	2	Metal	" "
99	Table, small folding	1	Metal	" "
<u>RECORD-KEEPER &amp; LABEL PRINTERS' OFFICE:</u>				
100	Cabinet without doors, long	1	Wood	In use
101	Cabinet for dried specimens, with lock	1	Wood	" "
102	Cabinet with lock for keep- ing miscellaneous forms	1	Wood	" "
103	Cabinet for storing dried specimens	38	Wood	& transferred to herbarium
104	Cabinet (unpolished) for Gardens' Bulletin stock	12	Wood	In use
105	Index-cabinet, of 2 drawers	3 sets	Metal	" "
106	Index-cabinet, of 4 drawers	1	Metal (steel)	" "
107	Almeirah with sliding doors, large	1	Wood	" "
108	Book-rack	1	Wood	" "
109	Chest with sets of drawers	1	Wood	" "
110	Table with drawers	2	Wood (teak)	" "
111	Table (long) with drawers for printers (plain wood)	1	Wood	" "
112	Table (plain) with drawers for Plant-collector	1	Wood	" "
113	Table (oblong), small	1	Wood	" "
114	Chair	2	Bentwood	" "
115	Chair, Band-stand	5	Metal (iron)	" "
116	Box (galvanized), large	2	Metal (iron)	" "
117	Filter (drinking) - Pasteur (Chamberland)	1	Glazedware	" "
118	Embossing machine	1	Metal	" "
119	Scale (counter) (W. & T. Avery Ltd.) with weights from 4 oz to 1 lb.	1	Metal	" "

INVENTORY

(4)

Item	Name of Article	No.	Metal or Wood	Remarks
<u>LOWER OFFICE STORE-ROOM:</u>				
120	Cabinet with door to stock Herbarium paper	1	Wood	In use
121	Almeirah with glass front for stocking publications	1	Wood	" "
122	Cupboard without doors for stocking specimen boxes, envelopes etc	1	Wood	" "
123	Rack with pigeon-holes, open	1	Wood	" "
124	Chest	1	Wood	" "
125	Table, long	1	Wood	" "

POTTING YARD STORE:

126	Almeirah with doors	4	Wood	In use
127	Table with drawers	1	Wood	" "
128	Bench, garden	2	Metal & Wood	" "
129	Chair, bandstand (folding)	32	Metal	" "
130	Pumping-engine (installed in engine-room near Lake), Petter oil	1	Metal	" "
131	Mower, motor	3	Metal	" "
132	Mower, lawn (hand) - 14"	17	Metal	" "
133	Cart (rubber wheels), hand-	2	Metal & wood	" "
134	Cart (wooden wheels), hand-	2	Wood	" "
135	Mixer, cement	1	Metal	" "
136	Lamp, band- (Dreadnought)	5	Metal	" "
137	Pump (air) for lamp	1	Metal	" "
138	Lamp, hurricane	11	Metal	" "
139	Sprayer, pneumatic hand-	3	Metal	" "
140	Scale (Fire Bank) with weights - standard	1	Metal (iron)	" "
141	Scale (counter) (Gold Leaf) with weights from 4 oz to 14 lb	1	Metal	" "
142	Boat (in Lake)	1	Wood	" "
143	Lorry (No.S.1160), 2-ton Bedford motor	1	Metal	" "

RAINFALL-READING YARD:

144	Rain-gauge	1	Metal	In use
145	Stevenson's Screen with:-	1	Wood	" "
	wet-bulb thermometer	1	Glass	" "
	Dry-bulb	1	Glass	" "
	Maximum thermometer	1	Glass	" "
	Minimum thermometer	1	Glass	" "
	Minimum wet-thermometer	1	Glass	" "

HERBARIUM:

146	Bicycle	1	Metal	In use
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23.8.05

INVENTORY  
of  
Gardening implements in Potting Yard Store

Item	Name of Article	No.	Metal or Wood	Remarks
1	Axe (big)	4	Metal	3 in use: 1 broken
2	Axe (small)	3	"	In use
3	Basket, shovel	11	Rattan	"
4	Baskets, rubbish	12	"	"
5	Changkols	37	"	( 32 in use: 2 Broken ( 3 lost
6	Can watering, (2½ gal)	10	Metal	In use
7	Can " (1 gal.)	3	"	"
8	Cultivator	2	"	"
9	Changkol (small) with long handles	3	"	"
10.	Fork, changkol	11	"	"
11	Fork, small handle	9	"	"
12	Fork, hand	3	"	"
13	Hose	3	Rubber	"
14	Hoe	2	Metal	"
15	Iron, turfing	1	"	"
16	Knife, edging	2	"	"
17	Knife, pruning	2	"	"
18	Knife, grass-weeding	4	"	"
19	Knife, budding	2	"	"
20	Ladder	2	Wood	"
21	Parangs	6	Metal	"
22	Rake	4	"	"
23	Rope (big size)	1 length	Fibre	"
24	Rope (small size)	1 "	"	"
25	Shears, grass	6	Metal	"
26	Syringe	4	"	"
27	Saw, pruning	1	"	"
28	Secateurs	3	"	"
29	Shears, garden	1	"	"
30	Scythe	12	"	"
31.	Trowel, Garden	11	"	"



SYONAN BOTANICAL GARDENS

INVENTORY OF MASON'S TOOLS

Item	Name of Article	No.	Metal or Wood	Remarks
1	Bucket	2	Metal	In use
2	Chisel	2	"	" "
3	Chisel, cold (for bricks)	3	"	" "
4	Drill	1	"	" "
5	Drill points (blades)	6	"	" "
6	File	4	"	" "
7	Hone (sharpening stone)	1	Stone	" "
8	Hatchet	1	Metal	" "
9	Hammer, stone-cutting	1	"	" "
10	Iron, wrenching	1	"	" "
11	Iron, soldering	2	"	" "
12	Lamp, blow-	1	"	" "
13	Plane, Chinese	2	Wood	" "
14	Pliers	2 pairs	Metal	" "
15	Pliers, gas-	2 "	"	" "
16	Padlock	2	"	" "
17	Saw, Chinese	2	"	" "
18	Spirit-level	1	Wood	" "
19	Spanner	1	Metal	" "
20	Scissors (for cutting metal sheets)	1 pair	Metal	" "
21	Saw (for cutting steel), hard	1	"	" "
22	Tri-square	1	"	" "
23	Trowel, mason's	2	"	" "





SYCMAN BOTANICAL GARDENS

T  
INVENTORY OF CARPENER'S TOOLS

Item	Name of Article	No.	Metal or Wood	Remarks
1	Brace	1	Metal	In use
2	Bit, Auger- (1")	1	"	" "
	(7/8")	1	"	" "
	{ 3/4" }	1	"	" "
	{ 1/2" }	1	"	" "
	{ 1/4" }	1	"	" "
3	Bench & Vice, Carpenter's	2	Metal & Wood	" "
4	Chisel (1")	1	Metal	" "
	{ 3/4" }	1	"	" "
	{ 1/2" }	1	"	" "
	{ 3/8" }	1	"	" "
	{ 1/4" }	1	"	" "
5	Extractor, nail	1	"	" "
6	File, triangular (10")	1	Steel	(Broken)
7	{ 6" }	1	"	"
	{ 4" }	1	"	"
7	Gouge (1")	1	Metal	In use
	{ 1/2" }	1	"	" "
8	Gimlet	1	"	" "
9	Hammer (4 lb)	1	"	" "
	(1 lb)	1	"	" "
10	Hone (Sharpening stone)	2	Stone	(Broken)
11	Knife, marking	1	Metal	In use
12	Plane, Chinese (12")	1	Wood	" "
	(8")	1	"	" "
13	Screw-driver (12")	1	Metal	" "
	(6")	1	"	" "
14	Scissors (for cutting metal sheets)	1 pair	"	" "
15	Tri-square (12")	1	"	" "
	(8")	1	"	" "



Dr Koribas method

16 Sweet Potato cuttings

Yield 51 lbs ----- Number of tubers --- 88

Average weight per cutting 3.1 lbs

Weight for best cutting 5 lbs

tubers per cutting  
mean 5

Gardens method

30 cuttings for the same length of bed.

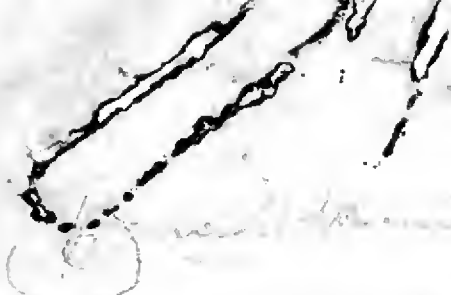
Yield 56 lbs ----- Number of tubers --- 160

Average weight per cutting 1.8 lbs

Weight for best cutting 3 lbs

tubers per cutting  $5\frac{1}{3}$





General description of the area

The area is characterized by a complex geological structure. It features a series of parallel, slightly curved lines that suggest a layered or stratified formation. The lines are closely spaced in some areas and more widely spaced in others, indicating varying thicknesses or compositions of the layers. The overall shape is elongated and somewhat irregular, following a general north-south orientation. The drawing is a simplified representation of a more complex natural structure.

(2)

This section describes the detailed features of the area. The layers are shown to be relatively uniform in thickness but exhibit some local variations. The upper layers appear more distinct, while the lower layers are more blended together. The overall appearance is that of a well-developed sedimentary or metamorphic sequence. The diagram uses simple lines to represent the boundaries between these different geological units, highlighting their relative positions and orientations.

(b) - aluminous R.

AEF.

DEPARTMENT OF PUBLIC WORKS,  
ACCOUNTANT'S OFFICE,  
SINGAPORE, 4<sup>th</sup> January 1940.

Sir,

I have the honour to forward herewith *in triplicate* Stores Issue Voucher & Nos. P. 27 & 28 with Pink Vouchers amounting to \$34-50.

2. Please let me have a cheque in settlement of the above amount.

*N.B. Duplicates to be signed & forwarded to the S.S. & F. direct.*

I have the honour to be,

Sir,

Your obedient Servant,

ACCOUNTANT, P.W.D., S.

The Director of Gardens, S.S.  
Singapore.

Report for July 1909.

Administrative: The principal administrative or technical assistants to the Japanese officers were as follows: Dr. Furbado (the Chief Administrative & Technical Assistant), Mr. Guan Ah Gen (the Syoki-Syunin jointly of the Museums & the Gardens), Mr. P. Sappiah (the Foreman Gardener), Che Ngadi-man (the Forest Ranger), Che Mohamed Mer (the Herbarium Assistant), Mr. G. Alphonse (the Horticultural Assistant), Mr. S. P. Livingstone (the Laboratory Assistant) & Mr. Lim Cheong Poh (the Mechanical Assistant).

The Clerical work was done by Che Juvaim, a Lute on loan from the Museum, & Mr. A. Espeherman, a sub-clerk. These two also assisted in the distribution of the different kinds of rations to the staff.

Mr. Chan Yock Chye (the Artist) was sick for the greater part of the month with a malignant & recurrent form of malaria. He is being treated by the Municipal doctor. Che Ngadi-man was unable to attend his duties for nearly three weeks owing to an eruption on his left foot. The Sub-clerk Mr. P. Baranais was ill with dengue fever for 11 days, & the attendants Franco de Souza & Sueh bin Keah were each sick for 7 days.

1st April 1937

The Hon'ble Col. Cecil Rae,  
Second Vice-President,  
Rotary International,  
Ipoh.

My dear Rae,

You will be interested and pleased to hear that I have heard from President Palmer of the Taiping Club regretting the recent unfortunate episode, informing me that Rotarian Wootton has apologised for his indiscretion and has promised not to offend in future.

I have suitably replied to President Palmer.

Yours sincerely,

*W.A.E.*

Governor 80th District R.I.

WAE:FWK

the Jesuits & M. P. Bonanis. During this month no ~~for~~ salt fish was made available to the staff, but instead the coolies ~~were able to buy~~ were given coffee, a very dear commodity in the market. The Department also distributed needles to the Gardens staff resident in the Gardens area.

~~The health of the coolies is~~

Herbarium. The Nur rearranged 4125 specimens of Euphorbiaceae & Urticaceae, mending them where necessary, & incorporating ~~it~~ it in the general herbarium specimens from the Hong Kong herbarium.

The Kiah transferred 700 specimens from Hong Kong specimens into the general herbarium & assisted in drying seeds, re-moving lint from cotton, etc. He was assisted by the office attendants.

The herbarium staff was also called upon to name some specimens brought for identification, to procure specimens

1st December 1937

Dr. A. Viswalingam,  
P.O.Box 20,  
Kuala Lumpur,  
F.M.S.

Dear Dr. Viswalingam,

Your letter of 30th November has, with much puzzling of the old grey matter, been deciphered by me and I am pleased to learn therefrom that you appreciate my remarks regarding your Club report. I did not know at the time I wrote in complimentary terms that it was your baby but I may say that you may well be proud of it.

I am sorry to learn that you did not meet Rotarian Sidney when he was up there a few days since and that he did not keep his appointment with you. No doubt he has some satisfactory explanation to offer.

With reference to Mr. A.S. Grimpel, he has not been connected with my Company for something like a year, as he left us to rejoin his old firm in Hong Kong. He is now with them here in Singapore but from what I understand they are not doing too well. However, I am sending your bill along to him and trust you will hear something from him very shortly.

With further reference to Rotary and a possible visit to your Club, I am making an official visit to the Penang Club on Wednesday December 22nd when I speak to them at their Dinner Meeting but my plans do not yet allow of my visiting your Club. I propose



of economic plants & edible weeds for the purpose of demonstration during the lectures given by the Japanese officers of the gardens.

About 50 katis of edible weeds were supplied for the purpose to the Wipon-jins who wanted to taste the material.

Forest Reserves: (a) Bukit Timah: The recently engaged labourer fell ill & was unable to do any work, so that ~~the entire supervision & the patrolling work~~ fell only on one coolie had to do patrolling work & to attend to the paths. As a result of a visit made by Mr. Osima to the area & to the squatters in the vicinity, the unauthorised felling has ceased for the time being.

(b) Kranji: The two labourers patrolled the area as well as attended to the boundary paths & the bridge.

Library: Mr. P. Banamis looked after the books & he was assisted in this work by the office attendants. In all 300 books were cleared & the ~~to~~ inspected & cleared, the insect-borer being killed when present.

8th January 1938

Dr. P. van Hulstijn,  
Governor 79th District,  
Rotary International,  
Buitenzorg,  
Java.

Dear Governor van Hulstijn,

I am always pleased to receive a copy of your monthly bulletin but unfortunately I do not understand Dutch and neither does Secretary Sidney. Up to now we have had the privilege of having it translated by Rotarian C. van Burken but this month he has returned it to the R.I. Office with a statement that he is at present too busy. I am sure there must be much in your bulletins which is not only interesting to your own members but would be interesting to us and the purpose of this letter is to ask whether you would find it possible to send us a gist of your letters translated into English.

I am aware that this sounds like a presumption on my part and that you might readily argue that if a Dutchman can speak English, an Englishman ought to speak Dutch or at least to understand the written text. Like so many Englishmen however I have to admit that I am a bad linguist but my excuse is that of the average Englishmen that in the course of my travels I have always found a number of people who speak and understand my language. If I am not asking too much, assuming you are willing to meet my request,



# ROTARY INTERNATIONAL

35 EAST WACKER DRIVE, CHICAGO, U.S.A.  
BÖRSENSTRASSE 21, ZÜRICH, SWITZERLAND  
TAVISTOCK HOUSE, TAVISTOCK SQ., LONDON, W.C.1., ENGLAND  
Cable Address "INTEROTARY"

"Service  
above self"



"He profits most  
who serves best"

Office of Governor of District 79.

This copy is for information of  
Gov. 80th District  
W. Allan Eley,  
SINGAPORE.

No. *625*

BUITENZORG, September 7th 1937.

Richard Sidney  
Battery Building  
Battery Road,  
SINGAPORE.

*until further  
notice*

Dear Secretary Sidney,

I now have been able to fix my planned trip  
to Sumatra via Singapore.

I hope to arrive at Singapore on board of the  
"Op ten Noort" on Monday the 20th inst., and will continue my  
voyage that same day to Medan. I am leaving Medan by ss. "Reael"  
on Saturday 25th inst. and will stay again a day at Singapore.

If you think it advisable or necessary to have  
more time for our discussions I can pass the night at Singapore  
as I can continue my voyage by a mail-liner next day.

I sincerely hope that my visit will be convenient  
to you and I shall have the pleasure to meet you as I think  
there will be rather much to discuss.

With kind regards

Sincerely yours

*P. van Hulstijn*

Dr. P. van Hulstijn.  
Governor 79th District R.I.  
(Netherlands Indies).

The ~~farm~~ houses very much. The pump which <sup>water</sup> has been given for repairs is not yet ready. The difficulty ~~experienced~~ during the last month in obtaining manures continued throughout this month also in this month also, it was almost till the end of this month when the gardeners were able to obtain 2 lorry loads of municipal sludge & 9 lorry loads of ~~horse~~ refuse from horse-stables. The ~~farm~~ prolonged dry weather, the lack of manures & also the taking & usual shortage of labourers affected the cleanliness of the experimental plots & their productiveness.

A large number of persons both from Syonan and outside came for seeds of vegetables which were supplied. The seeds of Talinum ~~Wada~~ (Bayam Blanda) or Dutch Purslane), Erechtites (Bayam Jipun), Basella (Climbing Spinach) & Kangkong & were particularly ~~in demand~~ requested by persons outside Syonan, some of which are

# ROTARY INTERNATIONAL

35 EAST WACKER DRIVE, CHICAGO, U.S.A.  
BÖRSENSTRASSE 21, ZÜRICH, SWITZERLAND  
TAVISTOCK HOUSE, TAVISTOCK SQ., LONDON, W.C.1., ENGLAND  
Cable Address "INTEROTARY"

"Service  
above self"



"He profits most  
who serves best"

Office of Governor of District 79.

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This copy is for in-  
formation of Governor  
80th district  
W. Allan Eley.

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No. 601.

BY AIRMAIL.

Buitenzorg, August 30th 1937.

Chesley R. Perry  
Secretary Rotary International  
35 East Wacker Drive,  
CHICAGO, ILL., U.S.A.

My dear Ches,

Your letter of 6 inst. came to hand.

As regards Mr. Laurence Henderson I have never heard of him before.

I wonder why Sidney did not sent a rotarian to Saigon, may be a question of language, for so far as I know one is much handicapped in that town on such a mission if he has not a thorough command of french.

I intend to visit Singapore in the course of September and will inform you about my experiences.

With kind regards

Sincerely yours,

W. A. Eley

Gov. 79' district



# ROTARY INTERNATIONAL

35 EAST WACKER DRIVE, CHICAGO, U.S.A.  
BÖRSENSTRASSE 21, ZÜRICH, SWITZERLAND  
TAVISTOCK HOUSE, TAVISTOCK SQ., LONDON, W. C. 1., ENGLAND

Cable Address "INTEROTARY"

"Service  
above self"



"He profits most  
who serves best"

Office of Governor of District 79.

No. *637/a.*

BUITENZORG, Sept. 13th 1937.

Mr. W. Allan Eley  
Hongkong Bank Building  
SINGAPORE, S.S.

Dear Mr. Eley,

*Am OI.*  
Referring to my letter to Mr. Sidney of 7th inst.,  
of which I sent you a copy, I should very much like to use this  
opportunity to meet you, Mr. Rae to discuss our informal super-  
vision concerning the Singapore Bureau and its work, as men-  
tioned in Ches Perry's letter of 1st July, further the regional  
conference in Penang next year, and eventually other questions.

I am arriving at Singapore by ss. "Op ten Noort" on  
Monday the 20th inst. about 7 o'clock in the morning and am con-  
tinuing my voyage the same day at half past ten in the morning  
to Belawan.

I am leaving Belawan by ss. "Reael" on Saturday the  
25th, arriving at Singapore on Sunday and leaving Singapore for  
Batavia on Monday the 27th.

Meanwhile I have been informed that I cannot continue my  
voyage by a mail-liner next day, so I have to leave from Singapore  
on Monday the 27th.

Yours sincerely

Dr. P. van Hulstijn.  
Gov. 79th district R.I.  
Neth. Indies.



## Cuttings.

Hand mowers & scythes were used in Lawan P & R. as well as in Lawan A & B.

Sultana (Economic Gardens): A good deal of time of the available labourers was taken up in maintaining the existing plants, viz collecting the seeds & cotton balls.

Cotton seeds were supplied to the Bertat in Bintang To & also to some persons in Syairan. About 12 katis of Indigo seeds, & 400 seeds of Castor Oil were collected from the Sultana. Five long beds of Rami & 50 cotton seedlings were ~~planted~~ <sup>preserved</sup>. The tobacco plants are preserved for the purpose of seed & so they are not cut off in order to obtain tobacco leaves.

The area under the edible crops is being gradually extended with the view to supply vegetables to all our staff, both Hajains & Romishas. The following were planted in ~~this~~ <sup>the</sup> newly extended area:

⊕ Ragi 15 beds; Maize 2 beds; Soya Beans 2 beds; Talinum 9 beds; Keladi 6 beds; Chilli 3 beds; Long Beans 5 beds; & Kangkong 3 beds.



DISTRICT NEDERLANDSCH INDIË  
SECRETARIS

pation that the knots of personal acquaintance, which he values so much, by no means will be altered in the future by your resigning of office as Governor. Dr. P. van Hulstijn has the sincerest regards and admiration for the work you have done for your district, culminating in the brilliant success of the Middle-Asia Conference, of which he and the other delegates of our district, cherish such a happy memory. He is convinced that among your mingled feelings on resigning, there certainly must be a deep sense of satisfaction for the services you have rendered, and the success of it which he had the privilege to witness.

As for the synopsis of the monthly letter, Governor Dr. P. van Hulstijn proposes to send it in the future to the secretary for Asia directly, together with copies for Chicago and your successor. Please let the Governor know, whether the parties concerned agree with this arrangement.

With very kind regards from the Governor, and undersigned,

Yours sincerely,

H. Ensering  
2nd Secretary.

## Salaries & wages:

An increase of  $\text{Rs } 5$  &  $\text{Rs } 8$  a month was given in their salary of July to all *Cythes* & *Syobis* drawing a salary below  $\text{Rs } 55$  &  $\text{Rs } 100$  a month respectively.

The Coolies were paid  $\times$  15 days ~~wages~~ <sup>wages</sup> (in some cases 10 days only) as a bonus together with their wages for June, & an increase of an average 4% has been calculated for <sup>the wages of</sup> the month of July.

Health of the Coolies On the whole the health of the coolies living in the *Gardens' Quarters* have been good, despite occasional incidence of colds, influenza or dengue.

15th July 1938.

H. Ensering, Esq.,  
2nd Secretary,  
Rotary International,  
Buitenzorg, Java.

Dear Secretary Ensering,

Very many thanks for the synopsis of Governor van Hulstijn's letter No.731/VIIA of June 27th.

Will you kindly convey to Dr. van Hulstijn and accept same yourself my sincere appreciation of the kind expressions contained in your letter. Although the Governorship of this District is now about to pass to another I will always feel that I have close touch with the Netherlands East Indies more particularly as represented by its excellent Governor, yourself and those delegates I had the pleasure of meeting at the Penang Conference.

The contact we have had by correspondence and afterwards personally have proved an inspiration to me.

I think it will be quite safe for me to state that it will be pleasing to those concerned if you will kindly send the synopsis of your Governor's monthly letter to Rotarian Sidney, Secretary for Asia, R.I. for distribution.

Reciprocating your kind wishes and those of Dr. van Hulstijn.

Yours sincerely,

*WAE*  
Actg. Governor 80th District,  
Rotary International.

WAE:FWK

provided by Mr. Alphonse

9 P.

x e

"

atalantia

(pink)

or  
cordifolia

for planting outside

Beaumontia grandiflora  
Zephyranthes  
~~Beaumontia~~

Mr. Corner continued to writing his researches  
on the Malayan flora.

Mr. Corner assisted the Director in his  
botanical duties, particularly in the study of local  
medicinal plants. He continued ~~his~~ <sup>to write up</sup>  
his researches on the Malayan flora and, particularly,  
his work on mycology. He also continued the  
preparation of a list of plants, wild and cultivated,  
in Syonan-ko.

colour of the fruit but I find that in both  
the fruit ripens from green, with ~~late~~ fine, pale  
whitish spots, through yellow to rose-red, purple  
and, at last, black. In Malaya, the difference in  
habitat I find most constant on both coasts:

C. manghas accompanies the Terminalia - Barringtonia  
formation, though extending into the Eugenia-forest which ~~occurs~~ <sup>is</sup> behind on sandy shores,  
while C. odora belongs to the  
true mangrove or Rhizophora - Nipa formation,  
though extending into the freshwater formation of  
~~the~~ Tristania ~~and~~ Tristania sumatrana - Pandanus  
heliochus. Both occur wild on Singapore

island. But, as Veleton remarked, it  
is impossible to distinguish the species from  
leaf-characters.

As regards the ~~the~~ original description of

Report for the month of June 2001

Administrative: Dr. C. X. Furtado continued to act as the chief administrative assistant to the ~~Garden~~ Japanese officials of the Gardens' Department. He was assisted by Mr. Quan Ah Gun the clerical supervisor jointly of the Gardens & the Museum.

Mr. G. Alfonso was in charge of the propagation of plants; Mr. S. P. Livingstone in charge of orchid cultures; & Mr. Ngai diman <sup>in charge of</sup> Forest Reserves. Mr. P. Sufiah supervised the labourers assisted by Mr. T. P. S. Sathyanathan & Mr. Hamidone <sup>in charge of</sup>: the last two named supervised also the cultivation of economic plants & vegetables.

The clerical work was done chiefly by Mr. A. S. S. Sathyanathan, assisted by Mr. S. S. S. Sathyanathan. The last named is an aide of the Museum, but has been brought ~~to~~ the Gardens in exchange <sup>for</sup> a ~~miscellaneous~~ daily paid miscellaneous workman. This exchange was needed owing to increase in work from the Police Auxiliary Department which falls mainly on the shoulders of Dr.



### Gardens Department, S. S.

### Certificate of Examination of Plants No.....

This is to certify that .....

\*the living plants or plant products

included in the consignment of  
~~\*a representative sample of the living plants or plant products~~

which particulars are given below <sup>\*were</sup> examined at Singapore  
<sup>\*was</sup>

by me Director of Gardens a duly authorised inspector, who  
13 September  
was unable to discover any evidence of any injurious insect, pest or plant disease, in particular of  
the following pests or diseases † .....

and that the consignment covered by this certificate <sup>\*has</sup> been <sup>\*fumigated with</sup>  
<sup>\*has not</sup> <sup>\*disinfected with</sup>  
<sup>\*prior</sup> to inspection.  
<sup>\*immediately subsequent</sup>

Signature [Signature]  
Official Status Dir. of Gardens  
Date 19 12 35

No. of Packages one

Distinguishing Marks consigned as below

Description of Plants or plant Products .....

- Orchid plants :
- 15 Anacallis alba
  - 2 Renanthis loccinea
  - 1 R. Storiei
  - 1 R. Mayata

Stated to be grown at Gems Nursery and

inspected in the field on .....

Exported by Gems Nursery

Name and address of Consignee J.P. Williams & Co. Colombo

\* Delete words that do not apply.  
† Insert names of any pests or diseases specially looked for or scheduled by the importing country.

Furtado and also to cope with the increased work in distributing different kinds of rations to the staff of this Department. It must <sup>be</sup> remembered that this Department is still short of two Hojais, one a Gilt & the other a Dyoki.

The attendant H. Kuttan who has been working from 1st January 1919 under the previous regime & since 1st April 2602 under the present regime ceased to work from 1st June. He was certified medically unfit. In view of his long & good services he has ~~been recommended~~ <sup>been recommended</sup> for a retiring allowance.

Herbarium: The Nur rearranged 2238 specimens of Euphorbiaceae incorporating in it the specimens from the Hong Kong herbarium.

The Kiah was busy chiefly in collecting & drying seeds of economic

### Gardens Department, S. S.

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which particulars are given below ~~\*were~~ examined at Singapore  
~~\*was~~

by me Director of Gardens a duly authorised inspector, who  
was unable to discover any evidence of any injurious insect, pest or plant disease, in particular of  
~~the following pests or diseases †~~ .....

and that the consignment covered by this certificate ~~\*has~~ been ~~\*fumigated with~~  
~~\*has not~~ ~~\*disinfected with~~  
~~\*prior~~ to inspection.  
~~\*immediately subsequent~~

Signature [Signature]  
Official Status Director of Gardens  
Date 11/12/31

No. of Packages None  
Distinguishing Marks Unsigned as below  
Description of Plants or plant Products .....

500 ~~plants~~ flowers Vanda Miss Joaquim  
RH per 1000

Stated to be grown at Singapore and  
inspected in the field on .....

Exported by Crown Flower Shop, per K. L. M.  
Name and address of Consignee Crown Flower Shop, 111, Cross Street, Singapore

\* Delete words that do not apply.  
† Insert names of any pests or diseases specially looked for or scheduled by the importing country.

plants as well as in separating cotton lint from the seeds. In this work he was assisted by the two office attendants.

In all 480 drawings made of economic plants by Dr. Watanabe were identified in the herbarium.

The herbarium staff was frequently called upon to collect specimens of edible weeds for the purpose of demonstration, & again about 60 lbs in three lots on three different occasions of green edible weeds for the purpose of enabling some Nipponizins to cook & taste the weeds as vegetable.

Library: The books in the library are attached by a binder which for lack of suitable chemicals is difficult to control. Hence it is necessary for a responsible man to go through the library & inspect every book, & pull the binders by hand. This work was entrusted to Mr. P. Bonanni who was assisted occasionally by the attendants.

### Gardens Department, S. S.

### Certificate of Examination of Plants No.....

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\_\_\_\_\_ included in the consignment of  
\*a representative sample of the living plants or plant products

which particulars are given below \_\_\_\_\_  
\*were examined at \_\_\_\_\_  
\*was

by me \_\_\_\_\_ a duly authorised inspector, who  
was unable to discover any evidence of any injurious insect, pest or plant disease, in particular of  
the following pests or diseases †.....

and that the consignment covered by this certificate \_\_\_\_\_  
\*has been \_\_\_\_\_ \*fumigated with  
\*has not \_\_\_\_\_ \*disinfected with  
\_\_\_\_\_ \*prior \_\_\_\_\_ to inspection.  
\*immediately subsequent

Signature \_\_\_\_\_

Official Status \_\_\_\_\_

Date \_\_\_\_\_

No. of Packages .....

Distinguishing Marks .....

Description of Plants or plant Products .....

± 50 lbs Vanilla Tobacco

X 50 lbs  
f 50 lbs

Stated to be grown at \_\_\_\_\_ and

inspected in the field on .....

Exported by \_\_\_\_\_

Name and address of Consignee \_\_\_\_\_

\* Delete words that do not apply.

† Insert names of any pests or diseases specially looked for or scheduled by the importing country.

Labourers: The labourers seem to be somewhat inclined towards dissatisfaction because the Okabutais & the factories in the neighbourhood of the Gardens offer them a higher <sup>daily</sup> wage & more rice rations. Also the delay in obtaining <sup>during this month</sup> rice gave them a fright & led them to imagine that they were being deprived of their rations for this month. A Labour force in such excitable temperament is very dangerous & can be easily exploited by unscrupulous persons. <sup>The last few days of the month</sup> ~~It~~ were therefore <sup>these</sup> extremely period for the Gardens.

Vegetables ~~Plots~~ Plots The best & the hardiest varieties of Sweet Potatoes in the Gardens area are found to be those having deeply divided leaves. In the Gardens there are two such varieties one having redskinned tubers & ~~yellowish~~ yellowish flesh & the other pale cream skinned & pale cream fleshed. These yield about 4 tons per acre. The other varieties seem to be less productive in the Gardens.

In order to help the ~~colliers~~ <sup>staff who</sup> ~~daily~~ <sup>consists</sup> paid

### Gardens Department, S. S.

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~~\*a representative sample of the living plants or plant products~~

which particulars are given below ~~\_\_\_\_\_~~ \*were examined at Singapore  
~~\_\_\_\_\_~~ \*was

by me Det. G. J. Jones a duly authorised inspector, who  
Strait Settlements  
was unable to discover any evidence of any injurious insect, pest or plant disease, ~~in particular of~~  
~~the following pests or diseases~~ † .....

and that the consignment covered by this certificate ~~\_\_\_\_\_~~ \*has been ~~\_\_\_\_\_~~ \*fumigated with  
~~\_\_\_\_\_~~ \*has not ~~\_\_\_\_\_~~ \*disinfected with  
~~\_\_\_\_\_~~ \*prior to inspection.  
~~\_\_\_\_\_~~ \*immediately subsequent

Signature R. J. Jones  
Inspector of Gardens  
Official Status Strait Settlements  
Date 14.12.35

No. of Packages One

Distinguishing Marks Consigned as below

Description of Plants or plant Products .....

500 flowers Vanda hirsuta  
for 50/25

Stated to be grown at Singapore and

inspected in the field on .....

Exported by Corona Flower Shop K.L.M.

Name and address of Consignee Creedy Street Medan

\* Delete words that do not apply.  
† Insert names of any pests or diseases specially looked for or scheduled by the importing country.

mostly of daily paid labourers,  
~~staff~~ an attempt has been made to  
grow vegetables, these in addition to  
the plantings of Tapioca, & sweet potatoes  
etc. which were being done <sup>during the last</sup> ~~same~~ <sup>few</sup> ~~time~~  
months ago. It is hoped that supply  
of vegetables to coolies will reduce their  
cost of living & also lessen the induce-  
ment to leave the Gardens Department  
to join others in the neighbourhood.

On a small <sup>plot</sup> about 672<sup>9</sup>/<sub>10</sub> ft  
Experimental Gardens: Most of the available  
coolies were engaged

Ragi was grown for the first time in  
the Gardens. The season proved too dry  
for Ragi & it had to be watered fre-  
quently ~~in~~ specially when young. It is  
thought a lower & more moist ground  
would have been better for the plant.

On this ~~harvest~~ yield for this plot  
was 5 lbs which works about  
300 lbs per acre, This <sup>low</sup> ~~very poor~~ yield  
may be due to the weather & the  
soil.

Many persons were supplied with vege-  
table seeds, & with cuttings of Tapioca  
& Sweet potato.



### Gardens Department, S. S.

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which particulars are given below ~~\_\_\_\_\_~~ \*were examined at Singapore  
~~\_\_\_\_\_~~ \*was

by me Dir. G. S. S. a duly authorised inspector, who  
Straits Settlements

was unable to discover any evidence of any injurious insect, pest or plant disease, in particular of  
~~the following pests or diseases †~~ .....

and that the consignment covered by this certificate ~~\_\_\_\_\_~~ \*has been ~~\_\_\_\_\_~~ \*fumigated with  
~~\_\_\_\_\_~~ \*has not ~~\_\_\_\_\_~~ \*disinfected with

paradichlorobenzine ~~\_\_\_\_\_~~ \*prior to inspection.  
\_\_\_\_\_ \*immediately subsequent

Signature R. S. S.

Official Status Director of Gardens

Date 12-12-35 Straits Settlements

No. of Packages one

Distinguishing Marks potato packet - cotton wool - below

Description of Plants or plant Products .....

Seeds { Chitonia tinctoria alba  
Trichilachia australasica  
Antigonum  
Ipomoea sp  
Stora lobbia } see 1000s-

2111 1-10-35

Stated to be grown at Singapore Botanic Gardens and

inspected in the field on .....

Exported by D. J. G. S.

Name and address of Consignee A. B. B. McGregor, Durban.

\* Delete words that do not apply.  
† Insert names of any pests or diseases specially looked for or scheduled by the importing country.

Economic Gardens: Most of the available labour force was engaged in maintaining the different kinds of useful plants that has been planted there. A good deal of cotton lint & indigo seeds were harvested. Both the cotton ~~seeds~~ <sup>and</sup> the indigo seeds were made available to the public.

Some recent plantings are 2000 cuttings of Strophanthes hispidus, 7 long beds of cotton & long beds of Calotropis (white flowered) & 17 beds of Sesamum orientale. To Suban Suban were supplied with

plants the following medicinal plants:

1. Trichopora acrispa
2. Caesalpinia gayana
3. Butea butea
4. Albizia leucacantha
5. Andropogon furcatus
6. Orthosiphon stramineus
7. Cassia alata (seeds only)
8. Cassia fistula (seeds only)
9. Phyllanthus niruri
10. ~~SA~~

### Gardens Department, S. S.

#### Certificate of Examination of Plants No.....

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which particulars are given below ~~\*were~~ examined at Singapore  
~~\*was~~

by me ..... a duly authorised inspector, who  
was unable to discover any evidence of any injurious insect, pest or plant disease, in particular of  
the following pests or diseases † .....

and that the consignment covered by this certificate ~~\*has~~ been ~~\*fumigated with~~  
~~\*has not~~ ~~\*disinfected with~~

..... ~~\*prior~~ to inspection.  
~~\*immediately subsequent~~

Signature [Handwritten Signature]

Official Status .....

Date 11-12-31

No. of Packages me

Distinguishing Marks .....

Description of Plants or plant Products .....

4 Vanda hirs loquax  
+ Epidendrum radicans  
+ Spathoglottis purpurea planta white fast

*Handwritten note:* 11-12-31

Stated to be grown at Bolani Jaisi Singapore and

inspected in the field on .....

Exported by Mr J. Coates

Name and address of Consignee para 15 Rayon de S.S. Kavaa

\* Delete words that do not apply.  
† Insert names of any pests or diseases specially looked for or scheduled by the importing country.

1

Orchids. The usual work with orchids continued. No new hybrids flowered during the month. ~~The~~ The plants of one of the best ~~the~~ hybrids of *Vanda caerulea* were ~~divided~~ propagated. ~~At~~ About 50 plants were removed from the ~~existing~~ home in the potting shed to the nursery for larger orchids at the ~~the~~ <sup>former</sup> Director's house. A few new pollinations were made.

BS/#1/28.

Forests Reserves: <sup>66</sup> Che Ngabinan

reports that there is some unauthorised cuttings of ~~the~~ trees for firewood. Since there are no sufficient guards, it has <sup>not</sup> been ~~not~~ possible to prevent this ~~theft~~ felling of trees. But an attempt will be made to visit all the squatters in the neighbourhood to see if they possess ~~any~~ of ~~the~~ ~~are~~ logs of the recently felled trees.

Patteng Yard

# Gardens Department, S. S.

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~~a representative sample of the living plants or plant products~~

which particulars are given below <sup>\*were</sup> \_\_\_\_\_ examined at ..... *Singapore*

<sup>\*was</sup> \_\_\_\_\_

by me ..... a duly authorised inspector, who

was unable to discover any evidence of any injurious insect, pest or plant disease, in particular of

the following pests or diseases †.....

and that the consignment covered by this certificate <sup>\*has</sup> \_\_\_\_\_ been <sup>\*fumigated with</sup> \_\_\_\_\_

<sup>\*has not</sup> \_\_\_\_\_ <sup>\*disinfected with</sup> \_\_\_\_\_

<sup>\*prior</sup> \_\_\_\_\_

\_\_\_\_\_ to inspection.  
<sup>\*immediately subsequent</sup>

Signature ..... *[Signature]*

Official Status ..... *Director*

Date ..... *4.12.35*

No. of Packages ..... *10*



THE ASIATIC PETROLEUM COMPANY (STRAITS SETTLEMENTS), LIMITED,  
SINGAPORE BRANCH,

68, THE ARCADE, SINGAPORE.

CIRCULAR LETTER NO. C. 2/1940.

2nd May, 1940.

The Director of Gardens,  
SINGAPORE.

Dear Sir(s),

RETURN OF EMPTY DRUMS.

We venture to solicit your assistance with regard to the more speedy return of empty drums, particularly 64-gallon drums.

Even in normal times we are anxious to obtain the return of empty drums as quickly as possible, since each 64-gallon drum costs \$17.00 and with the thousands which are in circulation, you will understand that the money tied up is very considerable. We are therefore anxious to obtain a rapid circulation in order to avoid the manufacture of new drums, which would be unnecessary if existing packages were returned within a reasonable time. Apart from this, drums deteriorate rapidly and unless carefully looked after, become difficult, if not impossible, to recondition.

With present war conditions, the manufacture of new drums presents difficulties and it has now become of considerable importance that drums which are at present in circulation should be returned to us as soon after they are empty as possible.

We ask therefore the co-operation of our customers and shall be most grateful if careful attention can be given to this matter and those responsible explicitly instructed to return empty drums with the utmost despatch.

Yours truly,

For THE ASIATIC PETROLEUM CO. (S.S.), LTD.,  
Singapore Branch

G. V. Roland.

*Mr. Ewart*  
*pl see*  
GVE/TYL. B. 4.5.40  
Jan. 11. 6.5.40.



General: ~~Various~~ Seedlings of Victoria  
regia were planted in the lake. Motor  
 mowers were used in Lawns D, E, X,  
 W, J & O, & hand mowers & scythes  
 in Lawns K, C, P & R. In addition a  
 special job coolies were ~~used~~ <sup>employed</sup> to cut  
 grass weeds around the bases of  
 trees in Lawn X. Drains, ~~Canna~~  
 beds in Palm Valley Rd & Lower Ring  
 Road, Sun. Rockery in Lawn E, &  
 Canna beds were cleaned & weeded.

~~The~~ ~~repairs~~ Light repairs of the Tea  
 Kiosk were made by the Gardens  
 Carpenter, & an ~~best~~ <sup>attap</sup> hut  
 was built in the Sultana to give  
 shelter against rain ~~to~~ the  
 workers, ~~also~~ <sup>to afford</sup> ~~an~~ <sup>protection</sup>  
 from the sun ~~when~~ <sup>while</sup> watching the  
<sup>planted</sup> food crops for the staff.

A fall tree that fell in the Lane  
 Road was cut & cleared.

At the requests of the Military  
 the shrubs & trees along Teyssal  
 Rd & Teyssal Avenue were cut  
 so as to facilitate motor-traffic.  
 This work was usually done by

# Gardens Department, S. S.

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included in the consignment of  
\*a representative sample of the living plants or plant products—

which particulars are given below <sup>\*were</sup> examined at Singapore  
<sub>\*was</sub>

by me L. J. Gardens a duly authorised inspector, who  
was unable to discover any evidence of any injurious insect, pest or plant disease, in particular of  
the following pests or diseases †.....

and that the consignment covered by this certificate <sup>\*has</sup> been <sup>\*fumigated with</sup>  
<sub>\*has not</sub> <sub>\*disinfected with</sub>  
Seris insecticide <sup>\*prior</sup> to inspection.  
<sub>\*immediately subsequent</sub>

Signature R. H. H. H.

Official Status Inspector of Gardens S.S.

Date .....

No. of Packages one

Distinguishing Marks partial parcel address - below

Description of Plants or plant Products .....

- Orchid plants
- 1 Dendrobium veratiforme
  - 1 Gynandium pinleysonianum
  - 2 Vanda hookeriana
  - 2 Spidodroma thianianum
  - 2 E. radicans
  - 4 Arachnis alba
  - 1 Phal. violacea
  - 1 Phal. grandiflora
- fee \$1.00

Stated to be grown at Gems Nursery and

inspected in the field on .....

Exported by Gems Nursery

Name and address of Consignee N. Perera 21, Gama St - Balanapitaya, Ceylon

\* Delete words that do not apply.

† Insert names of any pests or diseases specially looked for or scheduled by the importing country.

the Municipal Cooles.

Dell works was cleaned & the  
hedges near it were fenced.

It has been rather difficult to  
get Municipal Sludge during this  
month, as there was a great  
demand for it by our the Military.

Pottery Yard (Propagating) BS/FI/32

Distinguishing Marks .....

Description of Plants or plant Products .....

Plant - Jasminum sex.

Stated to be grown at Singapore and

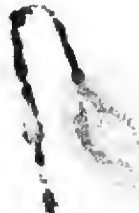
inspected in the field on .....

Exported by Malabar India 1/2 per pass Rhona

Name and address of Consignee Agri. Horticulture Society - Madras

\* Delete words that do not apply.

† Insert names of any pests or diseases specially looked for or scheduled by the importing country.



van Holkum's Standard work. van Holkum completed his study of the

Malayan Marantaceae ~~plants~~ and wrote descriptions of all ~~the~~ genera and species. <sup>He also made drawings of species cultivated in the Gardens.</sup> He thus concluded his description of the Malayan members of the Order Scitamineae, and wrote a discussion on the relationships between the families in the Order. He then resumed his studies of Malayan ferns, studying the genera of the Dennstaedtiaceae, ~~Lindsaya~~ <sup>Lindsaya</sup> and Saxatilia tribes.

MEMORANDUM

10th January 1939.

DEPARTMENT,

To

The Director of Gardens, S.S.,

SINGAPORE.

Enclosed herewith Cheque No. E.05814 for \$ 200.00

and the attached voucher/s No.3736.(Municipal Fund Vo.No.A.3877)

.....  
Municipal Fund Vo.No.B.2548)

On return, the aforesaid voucher/s to this office, together  
with receipt/s.



Acting Office Assistant (Payments).

昭南植物園月報

昭和十八年六月一日

事務

事務を監督し  
事務の進行の事務

一 郡場寛先生は同園の事務を  
大島義博氏に譲り、  
須藤信夫氏は一般の事務を  
管理す。

四 借書室

本月は三千八百の四枚の  
借書室に配列された。また  
採集料の標本

標本の直しあり。又は  
新装した。研究家つた  
は新しい標本を採集した。

園主製

果人の稽古者、  
の植物名を稱を書きたりき。  
本月中に

植物栽培場

四月百十三鉢の鉢植は  
各百五十鉢の植物を  
切りたり。此の

方は、  
子實を殖ふ。此の子實は  
Paniculata

は現地の貯水池の  
集束をけり。

七十六鉢の簇葉の樹を  
此の場所より

~~本園の案内図は文部省に送付し、此の案内図は市出納科に入付~~

陳列場に移す。六鉢時花以并、各  
寺内殿の官邸に送る

此の植物陳列場  
此の植物陳列場

此の植物陳列場  
如く管理す。大勢の  
遊手遊脚樹

此の植物陳列場  
此の植物陳列場  
此の植物陳列場

植物研究の常態

研究する方と云ふは古の遺

- 一 現地の蘭類 増殖
- 一 現地の園藝 増殖
- 一 野菜及 果物 増殖の方

雑項

一 シンボルスルタン宮(増テアセル) 新園を築る

一 園内の整水 全部修理す

一 池邊の小路 雑草を除き

一 園内サマシ 全部整正

本園中に若干の日本人薬植物の移植

本園に来る 何れに於て

並に薬植物栽培の適宜の所を指示す



別紙を通り、方は月報内には書く  
べからず、但しこの事務室の記録帳に  
入るべし。

同内の備人は以前は月給を取、  
が今より彼等は日給を取、此の  
は日曜日も働きます、そうして  
著し日曜日には働く要りませう

日曜日の日給或る時、  
拂いて下さい。

昭南植物園月報

昭和十八年七月分

高橋

### 事務

一 郡場寛、大島義男、須藤信夫三氏は

一般の園務並に庶務前のごき努力で

で進行す

### 贈葉室

一 本月中にホソコソコなどの植物標本は  
方首三十九枚贈葉室に入りたり。其れは  
羣衆贈葉室の全部標本五分のほ有る

一 許々の現地と外地来る日本人は此園に  
用麻で臨田薬植物と有毒の植物の稽  
古を有る。

一 毒組の普通の有毒植物と臨田薬植物の標本  
本採り其れは園部隊に送る。

一 毒組の食用草の標本を採り其れは  
軍醫官に贈る。此の食用の草其れは  
大抵な並に裨益故に、大勢の人が  
標本は園部隊には本園に請求す

科学教科書の採集

一 許々の臨田薬と木材研究家は此處  
で稽古有る



書ける  
識物標を  
書

百二十枚 日本語で  
内々書き物

（之内サエも）は 園丁 不足 因  
草は 今 始り 自動刈草機で  
刈る

フィリピン群島 (Philippine Islands) まで 棉樹は

船本月中に 荷役を 済ばす。 乾燥機

と 適宜 天気は 良く 収穫を 成りき。

野菜場の 色、果物 野菜と 果物

類の 収穫は 良い

昭南植物園月報

昭和十一年八月分

腊葉室

一、本月四七四の枚植物標本は再整理し、並に香港より標本は九一六枚腊葉室箱に入りたり。

日人の為め六十件植物何屬と何種の詳細を説明す。

園の畫家長百の四枚植物の圖を描く。

科学教科書は腊葉室

一、本月より教科書の專家の索引を製作は始める。

植物研究

一、マライ産の蘭

蘭類混種とする事は有る。蘭の分類記録と主調を作る調査を繼續し、顯微的描寫を修む。

一、農植と野生の果物  
徳川侯爵の為め上記の論資料を差上げむ。

植物栽培場

一、郡場先生はジャコより持たの蓮花は園の池中に殖夏又は鉢に植う。

園の標本採集員は彼南州へ行き、數名の藥植物と種子弄を持て來たり。

扶桑屬と西印度の無患子(ムクロジ)と非洲の油桐欄と  
Poinsettia と Gossypium を植う。

# 植物陳列所

一、一般の観覧の時花は前より如し理す。此の所の側には式木の蘭花と一本の華尼率拉(ワニラ)を植す。

# 野菜試験場

一、数々の菜圃は新たにす。本月に於て野菜の出産量は減す。其の理由は甘露し木薯と芋との注意して繁殖と。郡場先を指導の甘露種殖試験の方は今止めらる。

# 雑事

一、ビルマとアッサムと大りの尋常有毒の植物の目録は作る。一、新に識物標名板十六枚を添ふる。其の一方は十枚は直す。七十枚は私之で書いたの方は取りたり。三十八枚森林保護留置の掲揚板を剥ぎす。植物種子と蓮花と十一本、梅樹と二本、秋海棠屬植物等日本人に贈す。園内の草は式台の目録の草機で刈る。

# 記事

園丁宿舎構内の區には有刺鐵線網にて防ぎ。其の方は盜竊ある事を豫防す。本月初には園の夜警は二人の盜賊を逮捕す。本月初日園の次園丁頭馬来ハマルズキは肺病故に死んだ。

記事は月報には書き要りません

BS/FA/2 \*



と

昭南植物園月報  
昭和十八年九月分

腊葉室

本月に左記ノ標本共計八千四百二十八枚は  
翻整頓シ、<sup>カ</sup>カシ<sup>セ</sup>セは香港標本ノ部へ合  
體す

記

日本字植物名	羅馬名
菜 <sup>カ</sup> カシ <sup>セ</sup>	Sapoteaceae
イブナセ	Menaceae
スタラセ	Styracaceae
オレエセ	Oleaceae
サルグエ	Salvadoraceae
アポセ	Apocynaceae

本月採集員は四十枚新標本ノ製成し  
又百五十八枚ノ香港植物園ノ標本ヲ仕直す  
外来ル植物稽古家ノ為ト<sup>カ</sup>カシ<sup>セ</sup>ノ有毒植  
物ト可食<sup>カ</sup>カシ<sup>セ</sup>植物ヲ説明す  
單屬<sup>カ</sup>カシ<sup>セ</sup>ガ材木ノ研究ナルコトガアルノ<sup>カ</sup>カシ<sup>セ</sup>  
彼<sup>カ</sup>カシ<sup>セ</sup>ニ<sup>カ</sup>カシ<sup>セ</sup>材木ノ名稱ト其他詳細ヲ説  
明す。

製圖者は本月百五十本可食ノ草類<sup>カ</sup>カシ<sup>セ</sup>  
圖説製成す。此ノ<sup>カ</sup>カシ<sup>セ</sup>單屬<sup>カ</sup>カシ<sup>セ</sup>ヲ要す  
七十五頁植物名引<sup>カ</sup>カシ<sup>セ</sup>ヲ製<sup>カ</sup>カシ<sup>セ</sup>書<sup>カ</sup>カシ<sup>セ</sup>いた

植物研究

一、マライ産ノ  
共計三十種屬。左記ノ事項アル  
(*Ononis* *Oleria* *カビロ* = *カ*)

一、構造ノ詳細

二、圖説

一、性質ト咲時侯

マライノ序ノ蘭類ノ研究、左記ノ通りノ蘭類  
調査觀ヲ完成シ九二。

- Habenaria
- Corymbolus
- Mercurialis
- Cyrtostylis

混雜種蘭類ノ生れルニハ繼續的ニ行中  
マライノ蘭 大部分ノ顯微的圖製表完成す

### 植物栽培場

以前群場先生瓜亜カラ持来ノ蓮花 (Victoria)  
本月九日ニ許多ノ植物ヲ此カラ神戶へ  
持去行キ、又希クニ殖す

### 植物陳列場

本園ニ世稱ノ花卉ハ概移シ是レカ  
新鮮ノ方ニ代ス。

### 野菜栽培場

十八菜圃ヲ取替へて復舊セシモ  
現地ノ肥料ヲ變性スルカ此ノ試験進行中  
沙島ノ試験今生新第三期あり。

### 園内一般ノ事務

人夫ハ不足有リ。それでは重要ノ工作  
有百時ニ余リ困難リ也  
本月ニ自動刈草機ニ負テ利用  
園内排水溝渠ヲ女共力四ハ十五日間  
掃除スル工ト女共力



園内地中央ノ中田島田は整理す  
工トテ完成ナリ池端ノ峡谷ノ排引水  
管は崩潰シカ園丁は早くてて此ヲ  
仕直シタ。池端ノ橋ヲ修繕スルコトモ  
アリタ。

遊覧客ニ為テ經濟植物ヲ  
事務室ノ近附ニ殖ス。此れはコーヒーと  
ココアトココインとストルオネラ草と  
胡椒と等ル

### 雜項

本月ニ廿五植物識寫板製表す。廿枚古板

<sup>鳥</sup>鳥ノ他<sup>鳥</sup>鳥也。而復書日  
昭南<sup>昭南</sup>昭南林係留區<sup>昭南</sup>昭南  
米國原産ノ棉樹カラ許多ノ棉ヲ得ル。

此ノ樹は今衰へて居ル。

### 記事

本月廿四日ニ園丁カイラサムは死ニダ。  
此ノ人は勤務ガ凡そ廿年アリタ

昭和十八年十一月分

特許出願

本日ト四十七名式枚標本及登録本  
ララ起る番巻ノ部ノ入ル標本  
たノ部( )

コンパニルガールセイル (Parvula  
(Lacepede).

シランヤエ (Sclerocarpus)

シコロフアラエ (Scoloparia)

オロバンヤエ (Orphanoptera)

レノオブリエ (Lepidoptera)

ガスネラ (Gastropoda)

百二十五枚標本ノ目録カード

製作ス。

五ツ白世白ノ圖

三枚 (三枚ノ圖ヲ得)

四百枚可食ノ糖ノ標本

ヲ製ス (酒類ノ糖ノ標本)

製作ス



その東部一ノ苗類也跡生ノ

葉或境裁ノ植物ノ神氣

繼續ス。

栽培場

第一ト第二ニカラス工場ノ

層根甲ハ修繕中ナリ

ニエグノオア膏ノ禁付植物

ムクナハバニネツテは第一田舎ノ

黄ノ花ハ一番田舎ノ！  
左ノ花ハ田舎ノ！  
二 道標ノ主草ハカウ。

一 スパルテオクウス

一 アラカニス 赤オケリ

アサナナ混種

一 デンドロビム

一 アンテウム

一 アグラオネマ

色々種物等も種々二  
枝ヲ切リ、種々二種  
二種

博列地

本月ハ地ノ指信ノ上ニ鉢

種ハ三回ニ換ヒラリ

野菜リ、其種類多

日本産ノ大根

豆類

長豆類

ナス

胡瓜

玉蜀黍

沙草

山南草

（ブラシカ）

蛇水

左記ノ野菜類ノ種々方

安貝用袍粒團團銀土

兼渡邊學士、節蓮子、

下其、的一、聞聲、ハ大成

功アリ。ハ種、力有、因、

植物ハ此處ニ強ク

一般ノ御、其、一、作

其ノ二、作、ハ、、、、

高

一、同、力、、、

機、

一、園、内、、ハ、代、リ、、

一、溝、、、

六、、、、

親事

親事  
雜項

野菜試験場

- 一、数多の果圃は新だにす。其の理由は甘藷と木薯と芋と注意して、種殖の殖え
- 一、郡場先を指導の甘藷試験は止め。

雑項

- 一、ヒルマとアサマのよりの尋常有毒の植物の目録は作る

- 一、~~新~~新識物標板十六枚、~~其の~~其の標板を仕直す。は替る。古いの方十枚を仕直す。七十枚和文で書いたの標板を替る。三十八枚森林保留區の掲揚板を替る。

製成す。  
 数種の子実、と蓮花も十一本、標板と三本秋海棠属植物等日本人に贈す。園内の草は自動刈草機で刈る。

記事

構内園丁宿舍の區は有刺鐵條網にて防ぐ。其の方は盜竊ある事を豫防す。本月までの盜賊は園の夜警は二人の盜賊を逮捕す。

次園丁長マールすキは病氣故に本月廿日死んだ



# 昭南植物園月報

昭和十八年八月分

贈葉の呈

一 本月は四七四枚植物標本は再整理し、並に香港まりの標本は九一六枚贈葉箱に入れり。

日本人の爲め六十餘種の本邦の伴植物の屬又は種存りと認む。園の植物畫の家は標本四枚の植物の圖を製す。

一 科学教科書撰定

本月より教科書の作者の各別製作者は始め。

植物研究

一 マライ島の蘭類

分類記録並に主調を作る  
調査を繼續し、顕微的描寫を作る

一 フラク産の菌類

徳川侯爵爲め上記の文論の資料を査げる

一 農の植並に野生の藥物

植物栽培場

一 徳南の薬種

郡場先生「ヤワ」持たの蓮花は池中に殖す。或は又は鉢に植う。

園の標本採集員は徳南州へ行き、地味多数の植物と種子を持て来たり。

一 扶桑樹と西印度の無患子(ムクロジ)とアフリカの油棕櫚、  
(Prinellia) と (Gossypium) を植う。

枝を切り殖う。

植物陳列所

一 各種觀賞の時花は前月の如し現す。

此の所の側には、一本蘭花と一本華尼率拉 (M. Wilra) を殖う。

昭和十八年十月分

昭和中室

此室一室一室管理員本月月中三酒樽入  
標本在整理中。又他本四百本  
二十類種之類可食草類九百本  
採集七九式標本在製成  
本月は左記ノ植物共計六千六百九十枚  
標本在整理中

— — — — —

- (Apoynaceae)
- (Asclepiadaceae)
- (Loraniaceae)
- (Gentianaceae)
- (Rorariaceae)
- (Convolvulaceae)

本園ノ植家研究家ハ  
植物標本古者ノ為ニ五十株可食ノ草類  
採集シ、余張ル  
種々ノ質問解決寸此ノ質問ハ左

- 一、如ノ通リ
- 一、醫用藥植物
- 一、經濟植物
- 一、有記田子植物
- 一、栽培ノ植物解剖

教科圖書室

新書以記ハ五十頁ノ書ハ  
三十五頁ノ西藥並合毒ノ植物博報也  
書也。

研究の事項左ノ通り

- 一 蘭類 (約九十種)
- 一 マリイノ産出ノ蘭類
- 一 蘭類混種交合

栽培場

多量に種を植す。

陳列場

清掃並に雑草消除等  
 在りて常課程ノ上ニ進捗す  
 階段上ノ陳列植物は毎週金曜日  
 に換す

野菜栽培場

十八日迄野菜苗床を回復す。樹薯と  
 甘藷とを植す。密柑とババヤノ所  
 肥す。意大利産ノシナノキノ花は今度  
 初次咲クノれでハ数多クノ果實を産  
 生す。木棉は今第々期ノ發育中。  
 日本よりノ種子は現地に植す研究  
 進行中。日本産ノ長胡瓜は  
 本地で種ノ結果良ク。

雜項

本月に七枚日本字ノ識物品板と五十七  
 枚其他ノ名板製成シ又四十八枚古ノ方  
 化直ス

研究の事項左ノ通り

園内一般ノ工作

刈草！  
式台自動刈草機で草を  
刈ル。手動刈草機も網俵  
用す。  
全部ノ草を以て敷正銀一  
也リ。

記事

フルタド君は本月にはカリオネ様と  
ハキヤ様と一緒にジョホルへ行つた。此ノ  
目的は薬物植物と含毒植物ノ稽古が  
ありや申した。

他園内職員に防空ノ訓練を  
教へました。

他は甚力ノ為に食油を購置した。それで  
是力遠城困難ありマセンでした。

今新苦力人ノ雇入事が大慶園確リ  
未す。此ノ理由は別處ノ雇主は  
唯高價目給を拂うばかりでなくオ米を

發給遣万事もありません。是して此ノ  
問題私達に考案が考うなければ  
いけない。

kuern



(S.G. = Statutory Grant. L = Lease. I = Indenture)

Estate at Holland Rd. Total area 84 a. or 38.30 P.

Mukin IV

Lot No.

Area

Title

	a.	r.	p.	
153-5	28	3	36.00	L.439 and 453. 4225 sq. ft. acquired for road widening
153-7	12	2	32.00	I. 16 and 17
174-2	35	3	23.00	I. 16
176	5	0	28.00	I. 17
153-16	45718 sq. ft. (= 1a. 1r. 39.30p)			Pt. L. 453

Estate at Ulu Pandang Rd. Total area 147 a. 3 r. 16.7 p.

Mukin IV

Lot No.

Area

Title

	a.	r.	p.	
55-17	2	0	16.70	S.G. 1333 and 1334 pts.
55-15	6	0	32.10	- do -
55-28	2	0	27.00	S.G. 33514
55-29	107	3	00.00	Pts. S.G. 1328, 1334, 1583, 2021, 2022, S.G. 2008, 1345, 1344, 2006, 2025, Pts. S.G. 6083, 6187, 11249, 11374, 11378, 11379
55-19	8	3	7.20	S.G. 2020, 2024, 2026, Pts. S.G. 2021, 2022 and 2023
56	0	1	36.00	S.G. 19/339
55-31	6	0	3.20	S.G. 33515
55-32	6	1	33.60	Pt. S.G. 1328
55-33	4	2	16.50	S.G. 33517
55-34	85090 sq. ft.			3 a. 1 r. 4.40 p. Pt. S.G. 1328
55-27	57646 do			S.G. 35516

Estate at Reformatory

Mukin V

Title

Lot 110

260 a. 1 r. 20.00 p. S.G. 18995

55/59/1

(S.G. = Statutory Grant. L = Lease. I = Indenture)

Estate at Holland Rd. Total area 84 a. or 32.30 r.

Mukim IV

<u>Lot No.</u>	<u>Area</u>			<u>Title</u>
	a.	r.	p.	
153-5	28	3	36.00	L. 439 and 453. 4225 sq. ft. acquired for road widening
153-7	12	2	32.00	I. 16 and 17
174-2	35	3	23.00	I. 16
176	5	0	28.00	I. 17
153-16	45718 sq. ft. (= 1a. 1r. 39.30p)			Pt. L. 453

Estate at Ulu Pandang Rd. Total area 147 a. 3 r. 16.7 p.

Mukim IV

<u>Lot No.</u>	<u>Area</u>			<u>Title</u>
	a.	r.	p.	
55-17	2	0	16.70	S.G. 1333 and 1334 pts.
55-15	6	0	32.10	- do -
55-28	2	0	27.00	S.G. 33514
55-29	107	3	00.00	Pts. S.G. 1328, 1334, 1583, 2021, 2022, S.G. 2008, 1345, 1344, 2006, 2025, Pts. S.G. 6083, 6187, 11249, 11374, 11378, 11373
55-19	8	3	7.20	S.G. 2020, 2024, 2026, Pts. S.G. 2021, 2022 and 2023
56	0	1	36.00	S.G. 19/339
55-31	6	0	3.20	S.G. 33515
55-32	6	1	33.60	Pt. S.G. 1328
55-33	4	2	15.50	S.G. 33517
55-34	25090 sq. ft.			3 a. 1 r. 4.40 p. Pt. S.G. 1328
55-27	57646 do			S.G. 35516

Estate at Reformatory

Mukim V

<u>Lot No.</u>	<u>Area</u>	<u>Title</u>
110	260 a. 1 r. 20.00 p.	S.G. 18495

Quebrachia Kew. 23.viii.16

Leptocolea nasckei Los Bamos 29.viii.16

Kolovratia elegans do.

Alangium longifolium do.

Dipterocarps Cubitt

Borassus flabelliformis, Shippur, 6.ix.16

Rambutan, Whiteside, 4.ix. 16 a few plants exist.

Dipterocarps, Cubitt

Timonera, Los Bamos 9.ix.16

Calamthe curculigoidea, Muz. B.

Bambusa bid entata

Nepeanthus alba marginata do.

Dipladenia neriifolia Bryant. 2 plants at Dorelin house.

Antidesma buxian, Manila 12.ix. 16

Myrica rufa, do.

Canva, white, L. Kemp. becomes Canva n<sup>o</sup> 106.

Pithecellobium grandis Trivandrum 13.ix. 16 not up 18.8.17.

Dipterocarps Cubitt

Salvia farinacea, Triping

Hollyhock single bedded out.

Salvia splendens, do. in plant house

Lupinus hybrid do.

Sweet Peas do.

Spondias dulcis, Shippur, 5.x.16

Acacia confusa, Formosa 9.x.16

Libocedrus macrolepis do.

Liquidambar formosana, do. not up

Murraya cymalocarpa do.

Phoenix nanceana do. about 60 feet.

Senecarpus veruciflora do. ? - 15 - not there up. BS/410/1

Q obrackia red, Kew

Mutnes, penang. Stock of ...



- Medyoceras philippinensis Lou Baker
- Maphidophora mercillii do.
- Dioscorea pentaphylla, Darjeeling
- Dioscorea alata Jastawi
- Quadrachia Lorentzii, Kew. 6 at Dorelun
- Dipterocarpus Cubitt
- Clitoria tenax Balfour
- Yarum, Manila *Cecropia peltata* - rarer
- Cecropia do.
- Watschia white, Pierce 21.xi. 16
- Gloriosa rothschildiana do.
- unlabeled do.
- Hibiscus Laurie Brown 22.xi. 16
- Opuntia chaffin, Rasmussen ✓
- Solidago malacca ✓
- Yarum Fakker Gouweur,
- Phaseolus rochei Masoi 200 feet
- Piper agrum, U.S. Sugar Chemistry
- Walnut Pierce
- Azadirachta indica San Jose 9 feet
- Azadirachta indica do. 4 feet
- Citrus do.
- Prunella ca. Java do. 10 feet
- Panicum imperiale Formosa
- Litsea, Manila a palm sp. - Calamus sp. - Satin.
- Cecropia do. up in place, Guipia americana
- Yarum do. *Cecropia peltata* - rarer

?Terminia

D.O.K.K. 544/15

Official Memorandum.

(Gen. 67)

11.

9.

19 15.

From DISTRICT OFFICER,

KUALA KANGSAR

To Director, Botanic Gardens,

SINGAPORE.

- The Arocado Pear and Brazil Nut Trees duly arrived, and I am much obliged.
- 2/ I am sending you by rail today 8 "akar singrit" trees; they are planted in bamboo sections ("tabong").
  - 3/ "Akar Grit" or "Singrit" is as you describe; it climbs up other trees in big jungle, and will require plenty of shade I expect.
  - 4/ I enclose consignment note.

A. Haynes

P.S. Since writing the above I have reason to believe that these plants are a variety of "akar singrit" which do not bear the best fruit. I shall try to get the other variety the fruit of which is much better.

PLANTBREEDING STATION.

BUITENZORG, 27 February 1916.

No. ~~143~~ 143

To the Director of the Botanical Garden,

SINGAPORE.

Received 27/2/16  
Answered.....

Dear Sir,

I have the honour to inform you, that I am sending you with same mail seeds of two of our best trees of *Hevea brasiliensis*. Not only are they good producers, but the viscosity-index of the produce of No.1 is 1.92 and of No.3 2.02, and therefore for above the average.

If possible I would like to receive a few samples of seeds of your best trees in return, especially from original imported trees, grown from Wickhan's seeds.

We have a few plants of *Hevea guyanensis* in the nursery, grown from seeds imported from Dutch Guyana. Please let me know if you want some. I consider this species more of botanical, than of practical interest, but it might be that you should like to add this species to your botanical collections.

I am, Sir,

Faithfully yours,

P. J. S. Cameron.

Chief Plantbreeding Station.

- Crotalaria juncea, do.
- Acacia melaniferens do.
- Eugenia <sup>Mitcheilli</sup> Micoullii do. 16 plants - 10 plants left
- Eyodia elegans do.
- Chelidonium majus do.
- Grevillea robusta do.
- Ilex dulcis do.
- Ixora parviflora do.
- Melilotus alba do.
- Millettia ovalifolia do.
- Polygonum grandis do.
- Poinciana regia do.
- Psychotria candida, do.
- Portlandia grandiflora Jamaica. 6.vi.16 failed -
- Shorea robusta Bot Gardens Singapore 19.vi.16 failed.
- Coffea rostrata, 27.vi.16
- Eucalyptus robusta Penang died in 4.8.
- E. botryoides, do. 4 at Dr's house
- Dipterocarpus Cunniff 24.viii.16
- Phaseolus U.S. Bureau of Pl. Industry, 28.viii.16
- Dipterocarpus Cunniff 5.viii.16
- Zingiber Griffithii, Tampin
- Cyrtosperma glabra U.S. Dept Agric. 9.viii.16 3 at Dr's house
- Negundo spicata Baibenzong 14.viii.16 22 plants -
- Evening primrose, Sutton
- Dipterocarpus Cunniff 18.viii.16
- Calanthe cuculligoides, Penang
- Carissa grandis, Whiteville ?
- no. 2185 D. of G. 22.viii.16 Stenoa leucostachya
- Asclepias do. BS/F10/S
- Calanthe leucostachya do.
- Dipterocarpus Cunniff

not factious.  
98 Diplazium

- Centas igneus, do.
- Ixora duffii ? macrothyrsa do.
- Dracaena candoriana do.
- Banksia bidentata do.
- Iguanura spectabilis do.
- Dendrocalamus Peradeniya one plant at Dorelin house
- Fallisia disticha Skibpur 20.iv.16 found
- Boubaix ignis Tavey 20.iv.16 2 at Dorelin house
- Acacia spp. Murphy, Australia 25.iv.16 1 ~~at~~ Baylyana  
*buxifolia, longifolia, polyloba & mucosa fide*
- Casuarina spp. do
- Eucalyptus spp. do Botryids & mites raised
- Macrorhynchus spiralis do. 12 feet in propagating house.
- Warszewiczia coccinea Trinidad 4.v.16 2 plants seed preserved
- Psidium laurifolium Regnard 4.v.16 in culture
- Eugenia caryophyllata Penang 4.v.16 ? 2 cut -
- Strobilium Madagascar 9.v.16 fruiting -
- Azadirachta indica do. 3 plants in potting yard -
- Melastoma leucodendron do. raised but not kept.
- Remartesia sp. Tangkah 12.v.16
- Calanthe do.
- Lady Swettenhamii seeds Erythraea \* 3 raised at Dorelin house
- Mauritia setigera Trinidad 19.v.16
- Dioscorea Gold Coast
- Jatropha hirsuta Penang 29.v.16 from store -
- Portulaca grandiflora, Jamaica. 31.v.16
- Vigna sp. Buitenzorg 30.v.16 stems -
- Dioscorea Nigeria
- Albizia lebbek, Agri-Hort Soc Calcutta 5.vii.16
- Antigonon La. castleri do.
- Yamboua arundinacea do.
- Cassia fistula do. B5/F10/6
- Cassia Roxburghii do.

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*Iponoea rubro-coerulea*, Agri-port Calcutta

*Casipiroa edulis* Regnard 31.i.17 *no print*

*Bauhinia rubra*, Hawaii 16.ii.17 *This form will be source of plants*

*Gloriosa* Annamdale 16.ii.17 *sent to Mr. Godman*

*Calyptranthes brasiliensis*, Cairo 21.ii.16

*Anaxagorea Secretrethii*,kastawi 23.ii.16 *8 plants with Kastawi*

*Novoa brasiliensis* nov. 4 and 3 Cramer 7.iii.16 *plants sent S.S.*

*Calanthe* sp. Hawaii 8.iii.16 *5 plants with Kastawi*

*Oranias regalis* do.

*America Gardneri* do.

*Aegle Marmelos* do. *found*

*Artocarpus elasticus*, do.

*Artocarpus* sp. do.

*Carissa carandas*, do.

*Carissa arborea*, do. *4 plants on the island*

*Caryocarpus* sp. do.

*Eugenia Carranini* do.

*Crewia asiatica*, do. *found 2 plants*

Hybrid plants do.

Queen plants do.

Spanish plants do.

Rozelle 5 vars. do.

*Uvaria rufa* believed different to ours, do.

*Spathoglottis simplex*, Jamaica, 13.iii.16 *2 with Kastawi*

*Nevea guianensis* Ruitenberg 27.iii.16 *?*

*Ficus elastica variegata*, Penang, 31.iii.17

*Melastoma* sp. do. *plants*

*Echitum rubro-venosa*, do.

*Licania grandis* do.

*Hemigraphis ciliata* sp. *found* BS/F10/7 \*

*Chromolaena ciliata* do.