The tree, however, has never been tested as a rubber yielder, being wanted for seed-producing, and always since 1903 tapped lightly.

Its latex seemed to clot more readily in later years than in the earlier.

It is extremely probable that it was tapped between 1906 and 1909, but records have not been found.

A plate in the Agricultural Bulletin, Vol. vii. 1908, issued with the July number, shows the first spiral tapping of the tree and the old herring bone scars. Another illustration of it from a photograph taken a little later by Mr. H. Overbeck, occurs in Mr. E. Mathieu's "Para Rubber Cultivation," 1909, page 125.

Successive measurements of the bole of the tree at three feet from the ground have been recorded as follows:—

1904, 6th May			9	feet	11/2	inches.
1905, 8th May			9	"	33/4	"
1906, 8th May			9	,,	53/4	,,
1909, 5th May	***	-	10	"	1/2	inch.
1910, presumedly in	May	***	10	,,	11/2	inches.
1911, 4th July	***		IO	"	3	"
1913, 7th May		•••	10	"	51/4	٠,
1914, 8th May at ren	noval					
after death			10	,,	5	,,

These figures indicate that its increase of growth during the last five years has been at the rate of one inch in circumference per annum, and that for the five preceding years it was at the rate of about two inches per annum.

When uprooted it was found to be 105 feet in height, which is not unusual; but as regards its girth we must count it an abnormality.

I. H. B.

SEVENTEEN YEARS OF TAPPING IN THE WATERFALL GARDENS, PENANG.

In the Waterfall Gardens, Penang, there is a Para Rubber tree, now 28 years old which has been tapped yearly since 1896, a record being kept of its individual yield. A history of it is given on page 385 of volume I, 1901-02, of the Agricultural Bulletin of the Straits and Federated Malay States, together with a plate. As the

experiment is now being discontinued, to record the results is desirable. The weight of dry rubber each year has been as follows:—

			ucii y c	at has t	been as	
1896			·	lbs.	oz.	
1897	7 176			Not recorded.		
1898		•••		I	0	
1899		****		3	0	
1900		•••		5	12	
1901	•••	•••		3	12	
1902		Ay BA" MITT		2	23/8	
1903			•••	2	131/4	
1904		•••	***	3	6	
1905		**************************************		3	14	
1906	***			4	121/4	
1907		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•••	4	41/2	
1908		1 = 10000000000000000000000000000000000		2	0	
1909	mik gyer i			3	8	
1910		***		8	4	
1911			***	10	0	
1912			***	13	0	
1913				13	8	
		***	•••	13	0	
		Total		98	03/8	
		The same of the sa	1.00		1 - 1 - 1	

MOHAMED HANIFF.

SELECTION OF RUBBER SEED.

The following is from the Bulletin de l'Association des Planteurs de Caoutchouc, v, 1913, page 305.

"Mr. W. T. Ruys, manager of the Plantation of the Company Rotterdam Tapanoelie, has made a very interesting experiment in selecting seeds of *Hevea*, the result of which the Company has been so good as to communicate to us. Mr. Ruys took 96 seeds in order to ascertain the influence of size on their germinative power and growth, and divided them into four groups, each of 24 seeds, by their size, which were weighed collectively. The seeds were sown on January 22nd, and the seedlings measured on the 11th of June, following, with these results:—

Seeds. To f same marked. No. of blants of differenced in the line of the lin	No. of plants of different heights.					
No. of Seeds. No. which germinated. Stems produce collectively measured in cm. Ayerage length in cm. 80 cm. 70 cm. 60 cm.	30 cm.	Less than 20 cm.				
24 141.5 20 1271 655 7 7	30	Le				
24 116.5 18 007 55 5 1 5 4 5 4	-	1				
24 86.5 13 545 420 4 4 4 4	I I	~ 空川				
24 42.5 4 96 24.0 1 2 1 2	5 I	I				
· · · · · · · · · · · · · · · · · · ·	- 2	1				