No. $4 \psi$
$44 \left\lvert\, \begin{aligned} & \text { Agricultural Shows Malacca etc 1924- } \\ & 1926\end{aligned}\right.$


Connected papers

No Minutes should be written on this Page


Leaving Singapore on 2and by nignt treing，we orrjued e．t $k$ ．Pilan on 23 ra，at $9.45 \mathrm{a} . \mathrm{m}$ ，and were on the snov grounde et about ton tno $\mathrm{C}_{\mathrm{O}} \mathrm{m}-$ mititce werc elreary busy in piasing tncir juarmention tne various ex－ の1bませ。。
，Ne snow wris not mucn as fer as tne kitenen bardening was concern ca．Uniliies，brinjelm，Beld，sweot－potetocs，yeme，tepioce，beans enu otincer vegetabios commonyy grown fu Singapose were ine only represented In this section，and even in tincee tac competetors did not eppoer to be many．＇tnis wes surprisings since，juciging from wata I osk sew of the
 Ian districy appears to be vary extmonve，and tone clindte very suitie－ blo for．tne purpose，Howover，it ie possible tnat tne vegetable growers luving some milen way from tne town did not tnjnk worta tneir wnilo to compete wjen tinose living in tine close proximiyy of tne town：for accor ding to tne present metnod of judechety tne qualitiee of tine oxnjbits， tnowe vegetablo growers wno can pluak tinejr exnibitn et tne last mow ment enu transport witn the great cure to tne snow nawe an advantage


Tho laregest seotions in tine snow wose tnose of fruitm，houttry and of the prokucts of tine locel rutizanship sucn as mats，baskets，embroi－ dery work，etc，Tnere wab a fairly good collection of locnlly mande jagesem rya ond of coffec plente．

Tnere seems to be some confusion about tine recognition of citrus fru fruitw．Fruits difforing in sgrepe are somotimes labelled uricier one and the same neme．，and vicemvorsa．Wat Were aftienwerda determinod by a large number poople consulted．as Limati nipio and I．liapas，warce at tne show puti under toe name of $L$ ，nipis．Tne Iirau nipis 18 roumd witn smootr sking wnile the Iimau kapos is oblong contianing numerous pro－ jections of tne rind．Pumelos of verious shafuesind sizcs were all named es limau boser．Bome of wnicn according to tno oninion of whemes somi wi were some visitors wots Iirau abongs．Outwardly it is not ensy to distin－ guisn the one from the otner，and tinere was one sample waice I nad bougn

Whicn, was according to some was limeu besor (rnd tnis wes tinc opinion of tho exnibitor also) axed according to etheasit was Inmay abong. Its fleen wes lignt, red, end tnere was in the wnole fruit, one fully developed seed and two aborted ones. Tne tasto wes very good. The samplo tnet was considercd unanimoumly ass 1 mau abong was en Immaturo spocjmen but one could note trat it nad numerours socars. Snere was littio of flers (of white colour), whilo wnole innor portion was occupied by rind. There were oranges callou ks limaumanis some of wnion wero said to contiain only tinree scede, tnousn outwarsiy no wizwangutar distinction could casily be made. Exectly wnet constitutes tne ufferonce between tine dif feront varistios of the stemo speciofs say of citrus decumene or citirus acide tne persons consulted were not eble to explain, fna often tneje steteme were contredictony. Fiowevor it is possible tinat tinis confurion is duc to the fact tnat many of Exousx the locally grown lirans are nybrids, for it is a known fectin nature linat; tno various mambers of citrum family frocly cromwitn one anotncr: and tinis probably racountes why it jes somotimes yuxyceifficult to bing wnien specimen is sonotjunen put under ono name aidsonetimes under anotner. Thero wes a curjous ILme namod :s liman cnine. It wes noarly as lons as it is brocia, ith
 whito, rind contrined many aeprosbions outside.

Various IRONGS' brindaIs):-
2.- irong trunjow-oval, redulisnswellov

2-Trongpution ketcnil力 or trong gizong-nearily is long ab they aje broed, wnite.

3wTrong puten besor-very rucn longer then tincy are broad, whitie.
4-Trong Cninemtney are of bIuisn-red coloure, in snapo botin Iike 283 Cni1710s
 2-Iade api-like lada butang, buttincy are vary tningtnoir dianeter bein about; //4 ins, tnain stalk is isbout zxut lit time tne size of tne fruit; tnog aro tine most pungent of inl tno chillios. 3Lade besac or I. Gaedang-tnese aro blongated ladia butang, about on ima 4 Lada akar-tneso are olongetiod Iada api, B to 6" lony

To buy tae exnibitstras vocy ujeficulth for ono ned to wxist

Winnt come to nliss exnlbits excent at tine last monent fratx for the pumpose of removing nis articlon; nnd tnen a greet confuoion wan the result. Toe ratiters could nave been muen improved from tine grxat point of tne buyerm, nad oacn of tneft articias been labeliod witn its price and nad there been a specta? clerlt to donl witn tne buyers 30 that the clerk would be responsible to deliver tne money to the axnibltors and the goods to the bureas.

Ine snow was elosed before one p.m. 30 tinat we could catocn tno /i-40 trein to Gomas. We arrived ati singanore on Sinday momingys

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26 \cdot \text { vाIf } 24
$$

REPOR' ON THR DISTRICT AGRICULTURAL SHOW OF TMMPIN AND RIBBAU.

Heving arrived at Rembau cesty on Saturdoy morning (I had loft Singopore on Fridey, 26 tin inst., by nigat train). I ned the oppottunity to go to the show grounds unds see how the things were boing managed. There wero some "stowarde" ponted at tno ontrance of the padonf whose business wer to write zubask and distributo labels to tine oxhibitorb, while there were otnors inside the comp pound, each in sharge of a section, who oceupied tnomselves in arranging the exhibite. Usunlly no name of the article exnibited was written on tne label, only tno Section lettor and the Class number was put on it, so that one hed to look at tre booklet whic wes available geatis, tic find its vernecular nume. The stowarde at tine entrance inquired of the pereon about tine vagious articlew he had brought for the snow, wrote the labels and nandech over to timexax him, nevor taking care to se0 tnat they were affixed to the proper articlep; and it happened very often tiat a labal was mis-affiled, an orror winich was not alwayo corrected by the stowerds in cherge of the sections. $\mathcal{I}_{\mathrm{f}}$, for instance, the lebel of Kachang was put on to Bawang, the mistake was uavally correcte od by changing the section letter and the class number on tre la bel. If, howtect tonc label of ordinary Bawang was put to Bawang China, t, ere error rarely received any attention from the part of the stewards, thougn, it is to be hoped, i.t did attract the atten tion of the juages of the snow.

Tne writing of the vonaculer nomes on the labla was proboblya an useless itom from the pint of view of the judges and of the objects of the show; but fra tne plint of B man who attends a show for tne purpose of study, this omiforion is doprecated. I
 (texpersedantareks various kinds of yellow brinjals were put under no. 6(bxinga torong kuning) ofey were: (1) round, small, an bout 1 to liz imen in diameter, hairy all over; (2) some as above,
round, about in diamoter. \& were called by some en Tarns utc
2) $3 \times 6$ - EE tomato called by some as terong kecint. All chillies were put under two hoardings: (1) dais bogor and (2) lade burong. In this classification one would expect the round chill lies commonly known or lade butane under buronc since all mailer varictioe were put under this nodding; but curiously enough it was due to
put under lade bosar. Was thiopen interchange of labels ?Among lade burong, there was one called as le putin. It is more or lems like dada apis in size and shape, but leas pungent, and when imp mature it is of yellowish White colour which, on ripening, enonges into light red. There was a globose ubs which renombled outwardly the tapioca, but apparently it was not, for it was put at tho snow under "postal" a section of the articles which were not named in the booklet. Neither the stewards, nor the persons eensulted by mo, could toll me its proper name. In all those cases one would prefer to know the native lasaification of the vegetables instead of the one specially made for the convenience of the show.

T ne red brinjals called at K . Milan es Torohic China wore named by the Rembau people os throng ungu: and the waite ones as puteh. There were numerous varieties of ont cur: Judging by their colour two of the rind of the ripe ones, they squid be grouped into classes: (1) Chimu with yellowish rind, and (2) those with rind of dui brown colour. If their shapes were onsidered, they could be divided into /Z(1) round wits bot diameter almost equal, (2) round but some wat flattened at stalk end as to make longitudinal diemotor senortor than the horizontal; wii (3) oblong and (4) oval or conical. On the whole the show was very poor, vary mien poorer tin the of K Pilch. The judging commented at 10-30 a.m. and the show

The Taiping heri-सortacultural Shew wha Tradee Triahition


On the 25 th I 1 oft Ponang at engosion wad axited in Taipine at 10 m
 of the beot ceraniued Show I hare ever ween in the Peninsula and with the thbiessietance oi the Voiunterx and Boy seoutu Corpe good order wan zaintained everywhere The oniy faile were thet all entrences to tho otalis were on cno bice of the builainge and all tho exite on the ciker, Bo that pepple had to give many bnneceseary xsunde about the buileinge in oxcer to go from one stall to the neat, and even then one could not: " be sure that he had seeh all of themo Hed they onjy made the entrance of one wtall an the exit aide of the preticus one, miuch of the confuesion mone tho poople and many of thoif troubles mould have boen adrawbuck Polich. The nuxt examexamix wat that neariy all the iabelo of the arto ticlea exhibited by the Malay cultivaters ware written in Jawi and not in Rowunised Malay, so that there was great difficulty in obtainine the proper vernacules nanes of the variaum exhibits. Frequentiy the rerneoular names were cimitted. Wo coubt overy article exhititeci had number: which byt referring to the EXIIBITS' GJIM enailed a man to find whet section or wibection one vas dealing with. But to one whe wan intezested. in the rasicus cultivated rarietice of common fruitw, regetaioles, stce, the ghidex oiaerew in the guic were not of muctupl unc; foz frquentily noze than one cuitural variety and many timee alwo distinct apociea were
incluced under ono number. In Trons Ungu clees, for instance, not only there were the two verieties of brinjals Tronk ungu besar (long, dark purple) and Terong Ungu Kechil (roundish, dark purple) but also a distinct species knom as Terone uhator (solanum slumei) a brownaneostecn - like brinjal. In Terons puteh (two varieties long \& round j, different species of Terong kuning, both edible \& non-edible ox medical (?Solanum rerbascifolium, ?S. ferex, etc) and Terong blanda (Solanum mammosum) were also included. Hany of the latter are baid to grow wild in perak, whereas ferong puteh is a cultivated species only. Terenc Europe is not a brinjal. but. a large simed Tomato, and rerong assam is the common tomato, yet both these were included by sore in the Brinjal Class. There wes ซas also a similar confusion in the classification of various other Tegetable products including the Chillies(capsicum) in which I was interested. I did not receive much hely in oxder to revise the classification made based on the information collected at the Negri Sembilan Shows oflest year. The only thine that attracted my notice asc regatis the chillies is that the natives do not appear to have a special name for chillies and, probably owine to theix pungent qualities, they call them peppere. In Perak \& Penane stie they are called chabai, while in Hegri sembilen and in singapore they are known es Lad\&, (hahoi burong is Lada Api of Nosembilan. The horticultural section was extremely poor, while the best oreanised section of the show wes of the halaria section. The sectien of fruits were well renresented, hut the citrus fonily was very poorly represented cxcept perhape by pomelo or Limau Poser (Citrue decumana). Iimau masem is nothine ez clec but limau esam or sour lime (Litrus acida of comedice rax Rejas) of sineapore. There were vers laree specimens of Nclimbing Hesi Atav Batu (Averrhne carambola) and Belimbine puleh (A belirw
bing) end ore could not eay whether the size was wientrax elimatic or a rarietal fatiore, There was an Arerrho Relimbing which resemm

bied a/ owrunher but had riages, it carried the fisst prize among the belimbings. Unfortunately, however these fruitB nere not fer sule, for one woula have liked to grew then and pee how the tree aifforefe.
difiore fow the ordinariy Tariotica. treviridis) were pientiona.
het
The poultay etction chomet, very line operimene could be bred in this country; the section were oxelusively cocupied by planters and Eurepeants, which aromn that the native fermere hove not jet been roused to the need of impreving thois breeds.

Theis wese rany abnegatal mpecimene which I triod to etudy and a soparate paper will be prepered on them,

As the specimene bought from the whow coujd only bo obtained after 5 pom , when no train to return to Penang was arailable, I epend the night and the next merning in Taiping, toking this opportunity to Viait the Gardont and the Museum. In the Berdenc I notioed a creeping Hibiecua growing on eplant house. It produces mbunaent but small Iacrex
 from the condition of zarexet fruit trees frowing thero, the plece and elimate seem to be very favourable to ixuit cultivation, though tins would require apocial syotem of manuring owing to the isterim tic seil that preduminetef there.

TEF MUSEUM*-1e prebobly the richomt in the penineule in 1 te collewt tion eq the IIshery and othmological raterial of the Britivh Malay.. It centains sle a Tery larte collection of plant products which in many caser are sccompenter with the specimens of the piantafthcaselvee. Tae Logende of the latter cantain zatwamezt notes showing how, os from what parit, the product is extracted. Sroh informe.tion given of the Tarious preducts of Iocel origin maken the wisevn more attractite as vell as mere instructive.

0 or the entrance doer of the offive, there wre tup hamdmdxaninge of branched coconut palex: The one is of a bifurcated palh from Bandax. Lower Perak, with zitax fiuits on both the bofnches. The ether palm has three Iruitwbearing branches and it is Irom Pasix panjang\%, Jarut Isperak. Bth drewince eppear to be vory ela.

On 26th, I retumed by the $3=30 \mathrm{p}, \mathrm{m}$, train.

Joaving Penang on the 28th: J u 1 y , by night train I reached Kuala Lumpur on 29 th morning. After teking some short rest, I proceeded to pay a visit to the Botanic Garden, the Agricultural college, the Library, and the various exporimental factorios and crops. Here as well as at Serdeng on the occesion of my visit, all officials and students were Tery busy with the work of the Show so that I had to use Handors as my guides and be content with what information I could pick from their spare knowledge as well as from my personal observetion. I. Ta fortunate, howerer, in being able to steal a fev moments of the Ag. Economic Botanist (Mr.H.N.Sands) and his Assistant Inche Hohamed zain who were kind enough to show me their various collections of zice, coconuts, betelnuts, etc; and the famer informed me that most of the prizer in paddy at the raiping Show were carried by the cultivetors who had used the seed improved or selected by the reonomic potany section, which means that the selection as far as the merchents or rather the prices are concerned is very satisfactory. That the selection is satisfactory as far ae the cultivators are concerned has been proved by various expeximentiz that were conducted by the Depertment. on 30 th, I visited the serdang station and went through the vaxious experimental as well ase the demonstrationsl, plots.

During July 3Ist-August Srd, I attended the Kuele Lumpur Txhibition which I visited least twice day, except on August 3rd, when I visited only once, the remaining time of this day I spent in tisi ing the Kula Lumpur ilusewn \& gome-pantres petty holaings of wabler ribber near the tow. awis some sections whan were opened on August 3 rd . I thought it wise to return on August 3 rd evening instead of August 2nd. The Horticultural section is the best I have ever seen in this country, and there were numerous competitors,mostly European and Chinese. There was a rery good collection of fairly large Roses of finer quality which went to show that good robes could be grown in the peninbula. Cattie Show which was held on Mondsy (August 3 rd ) was extremely poor and almost all the specimens were of imported Stock. The competitors were chiefly the local people for

Kuale Lumpur) either milkmen or Cartmen. No femer entered into the compctition, which may mean that farmers are not yet keen about the rearing of cattle, and we knoviunlese there is an ample supply of cattle to the famers, raising of cheap crops will. remaín
for a long time $a$ difficulty in this country and so also the solution of supply of choap agriculturel Labour.

The Sections of Health and the Local induntriond were on much larger scale than in Taiping, but the agricultural Section vere nearly same as in Taipinc, except thathigricultural Deptrtment had a special section of their own where they showed, mong the various plants of the best cover crope they have found, and, seeds, plants of various stages, and Oil ofthe African oil palm (Riacis guinecmsis) The following infomation I gathered ebout the local varieties of Iimes:-


The section of poultry was rery large and again here there were no Malay第 competitore.

The MUSEun of Kuaza Lumpur ie Fexy small comparatively to that of Singapere or Taiping; but it has get a very large collection of ITI ITSECTA and some Tery large specinons of cebra.

I left Euala Inmpur on Aubust $3 x d$, by 8 pone train and repertod myeelf to duty at Porang on August 4 th, and 8 a.m.
-Gffintas
(Aisc. 56)

## Sotanic Gardens, singapore

It is requested that the following number be quoted in the reply to this letter.

Straits settlments.
Junc $23 \mathrm{ln}, 1926$.

The Dircetor, Botianic Garions, Singeporo,

Sir,
I have the honour to make tho following ropori, on my visit to the AgrimHorticultural Show held at iolacee on 26 end 27 instant.

I Ioft, Singepore on Junc 25th, (Friday) at 5 p.moby s. $\mathrm{E}_{\mathrm{o}}$ Kowantan and I errived at Malacer cerly next mornints at 9 a.m. As all the accomodation evallable jn the small Rest-Housc of Mem 1ecce wes booked bofore mo by tho Govermont Officibeṣ, I hred lo finc for myscle atx e loheing at Bunke Reyd, hut tho Rosti-Houso Verkens whdertook to errenge for ny meels.

At oleven of the seme morning(Saturdey), lihe show wes deto the puitic clared open on the efrounds of St FrancisXavier's Instiliution and Banda Hilir English School, l,hough the juderig of the exhibilw Wes not over yet, Moot; of the cxhibite in the Agri-Horideulturel Scelion wore not arranged accordine to tho clussee to which thoy belonged, but according to thelr omers, so thet one specimen of onc class was found in one ploce end another of the geme alige in enother. Consequontiy the procecs of compering one expibit, With anothor of the same class weas a tedious joo, and this probebly eccounts why the judsing of the exmibits wor not over fot judeing by elevon, jnspite of lino meny/comilibeos xaxpacies.

Agri-Horliculturally the Show was extromoly poor, the poorcst I have cyor visitica ir the peninsuze. It sufforod cilofly for went of compotitors 80 thit in most clesses therr numbor did not
beyond two, and in momy a class thore wes only onc compotjor. Yet, by wey of encouragemont probrbly, prize日 wore averued in ell closses even thoush the compotitors in it da exceca tho nunber onc. The ciocs 454 , for instience, was rescrved for Turmeric (Irunyoti) ๕s andythere was only one oxkibitor in thet cless, he carricd the firs first prize for thett class. Lelier on, however, it was discoverdd Thel someone hed exhibiled Ginger(Alla) for which no cless wes pro vided in the printied list; so ginger was included in the turnerio class ancl the oxhibitor was awarded the second prize, Even the rubber and other plantation exhibits which usuelly get crowded inxaxac the Shows of other partis of the peninsula, were xax oxtrenely few at the Malace Show. The only explanation that; cen be given to this lack of cornpettition is that the Agri-Horticulturel Associetion hes not yet becone popuzar emons the plentiors and the smell, netive fo fomors. The letter could be made to appreciate tho work of the foxxexnAssocietion by using line village Ponghulus to mi e lho proand by pegitnda asking then to collect, on the oppointod day, arli the articles from their respective villese exhibitors and send thom at the cost of Government or of the Association to the Show Grouncs, Exxyske

 The Association should also approach the roilway authoritios who, fer' such Decesions as the Shows, rese speciol reciuctions in the farcs, txamy make the locel trains mpa stop at various places between the staions so ris to colloct the exhibitoms and visitors from various Kampongs to the Show, The planters could be indaced to become annuel members of Asbocietion as is dono in other perts of Frall. S..

The climeto of alacce scems perticularly suited for the growth of the Chicu, judeing from the fine, large ond delicious specimens secn at the show andurx also from the finc specinons of Chicu tirees to be seen in malacco. There were two varictics of mangoes exhibited the leaves and fruite of which were quitio free from any
 nuts, threc having the each thrce shoots coming out from a single Bye" and one with two shootsfrom one Beye", were exanined and all
these zxang were found to be tinceases of polyombryony, ihere were threc specimens of H"hornca " coconuts(Kclepe Tendok), two green in the horticulturel section and onc dry, polished in the wit section, The nornelike devolopoent appears to bo due to themexixy hypertrophy of the vestigial andeoceium, A detalled report on this phenomenon will made later on Pinc-apples having smallor fruits (soroses) at the besc of the lenge centrel one wore among the exhibilis, one of which was boug by mo to 200 whether linis phenomonon would nanifest; itself again whon the crown shoots are plentie $c_{d}{ }^{n}$

I hed hoerd many tiast say thel tho clinato of wislacoa was not sut suited for the profuse flowering of Vondefly inibs Agnes Joachium; bitt thet this bolice is wrong wes provci by many who exhibiticu their profuse 6 lowering orchids at the Show. It appears thet the poople water and manure their plants ameraxtwan too much to thit thoy very poor results as regord the flowers of the orchide are concorned.

Witin efow excoptions no vernecular name of the amidelc exhibiled wes written on the label attached to it; but throurh a chance remork from a visitor. I loornt; that the Pisang Kl ing, known also es Piseng Restali, hes ret another nemo in Malecca, thet is, Pisang Almeldam probebly nemed afion some Governor or Plenter of the oarly days whon Malace beronged lo the Portughesc.

I visibod lhe show many linos during the luxy two days, both morning and ovening, and on Suncay ovoning whon the agri-horticul turel exhibits were being removed by their respective owners I oblelined sone erlicies for study.

I Ioft Malroca $\mathbf{H}$ for Tampin by car on Sunday evomung at
 Singopore more I arrimed at 7.55 a.m. on Monday ( 23 th Junc) end reporticd myself to dutiy on the some inornjing.

I have the honour to be,

