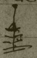
(1)

Acacia Farnesiana

The leaflets are not quite shut
They are not perpendicular
The leaves had not changed since
in position since 6 – But I believe
they have changed since day time

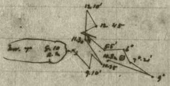
Nov. 20th plant ... of leaflets 8° 45' P.M.
leaflets [not closed shut], nor did [illegible] in
water [illegible] [illegible] — I can see
no change in position of ~~[illegible]~~ the
leaf — leaflets [illegible] up towards
opposite pair in act of sleep — [I looked again
at Mimosa [illegible], & leaflets
[illegible] [illegible] close & no change in
position of [illegible] leaf from to day.]
Thur. 21st 9° 40' P.M. I [illegible] young leaves, judging
from Mimosa [illegible], [illegible] close during
sleep. —]

Acacia Farnesiana:



Bush kept dark. Moderately young leaf, with bead brought close to base of petiole; viewed as if arranged [illegible], traced on vertical glass from 8° 10' to 10° 5' — During this time arranged [illegible] made. Between 12° 45' & 4° zig-zagged on the 12th much... We may conclude that main petiole of leaf no [illegible] [illegible] & this is all that can be inferred. — Rose mostly in morning & fell in Evening. —

Acacia Farnesiana



Bead ☉ 8° a.m. Nov. 8th — at middle of diagram

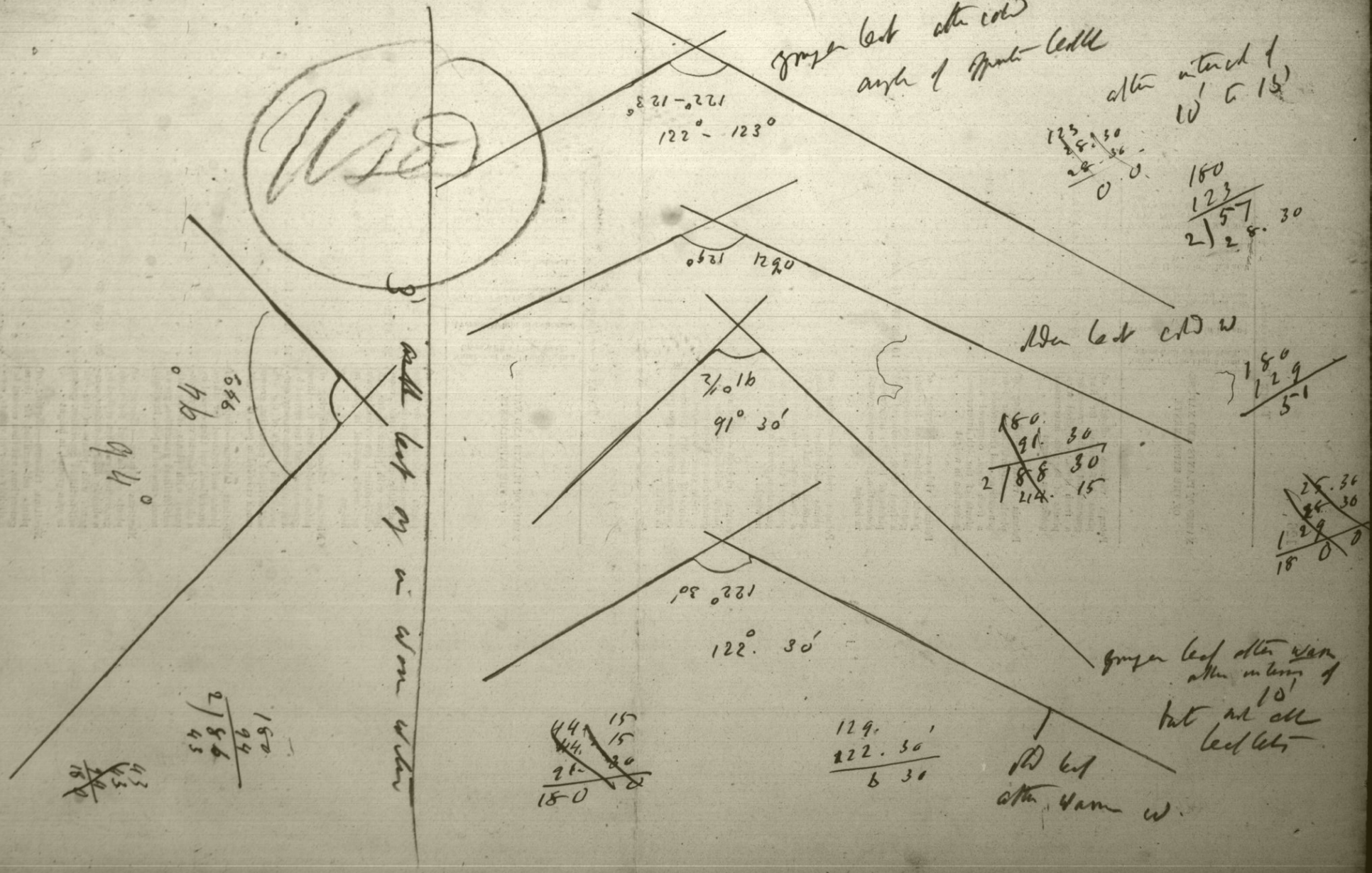


TABLE C—*continued.*

NAMES OF PLANTS AND NATURE OF THE EXPERIMENTS.	Number of the Plants from a Cross with a Fresh Stock.	Average Height in Inches and Weight.	Number of the Plants from Self-fertilised or Intercrossed Parents of the same Stock.	Average Height in Inches and Weight.	Height, Weight, and Fertility of the Plants from the Cross with a fresh stock taken as 100.
Petunia violacea — offspring of plants self-fertilised for four generations, and then crossed by a fresh stock, compared with plants of the 5th intercrossed generation in height . . .	21	50·05	22	54·11	as 100 to 108
Petunia violacea — offspring of plants self-fertilised for four generations, and then crossed by a fresh stock, compared with plants of the 5th intercrossed generation in weight . . .	..	..	..	..	„ „ 101
Petunia violacea — offspring of plants self-fertilised for four generations, and then crossed by a fresh stock, compared with plants of the 5th intercrossed generation, grown in open ground, in height	10	36·67	10	38·27	„ „ 104
Petunia violacea — offspring of plants self-fertilised for four generations, and then crossed by a fresh stock, compared with plants of the 5th intercrossed generation, grown in open ground, in weight	..	..	..	..	„ „ 146
Petunia violacea — offspring of plants self-fertilised for four generations, and then crossed by a fresh stock, compared with plants of the 5th intercrossed generation, grown in open ground, in fertility	..	..	..	..	„ „ 54

TABLE C—*continued.*

NAMES OF PLANTS AND NATURE OF THE EXPERIMENTS.	Number of the Plants from a Cross with a Fresh Stock.	Average Height in Inches and Weight.	Number of the Plants from Self-fertilised or Intercrossed Parents of the same Stock.	Average Height in Inches and Weight.	Height, Weight, and Fertility of the Plants from the Cross with a Fresh Stock taken as 100.
Nicotiana tabacum—offspring of plants self-fertilised for three generations, and then crossed by a slightly different variety, compared with plants of the 4th self-fertilised generation, grown not much crowded in pots, in height	26	63·29	26	41·67	as 100 to 66
Nicotiana tabacum—offspring of plants self-fertilised for three generations, and then crossed by a slightly different variety, compared with plants of the 4th self-fertilised generation, grown much crowded in pots, in height	12	31·53	12	17·21	„ „ 54
Nicotiana tabacum—offspring of plants self-fertilised for three generations, and then crossed by a slightly different variety, compared with plants of the 4th self-fertilised generation, grown much crowded in pots, in weight	..	..	..	..	„ „ 37
Nicotiana tabacum—offspring of plants self-fertilised for three generations, and then crossed by a slightly different variety, compared with plants of the 4th self-fertilised generation, grown in open ground, in height . .	20	48·74	20	35·20	„ „ 72
Nicotiana tabacum—offspring of plants self-fertilised for three generations, and then crossed by a slightly different variety, compared with plants of the 4th self-fertilised generation, grown in open ground, in weight . .	..	..	..	..	„ „ 63