

昭和9年5月25日

7 21 3/4 7 7 7

38-5/10 39-5/25 md

1	24.35	26.0	24.0	25.0
2	27.1	27.8	27.6	27.7
3	30.9	32.0	30.1	31.05
4	32.9	33.4	33.4	33.4
5	31.75	33.0	33.1	33.05
6	23.5	21.8 26.8	23.4 28.4	22.6 27.6
7	22.0	23.1	21.8	22.45
8	35.45	35.9	36.7	36.0
9	36.8	38.3	36.9	37.35
10	25.5	25.2	25.7	25.45
11	23.75	22.4	24.5	23.45
12	37.2	37.8	37.6	37.7
13	21.95	21.5	22.9	22.2
14	28.95	30.0 22.7	28.0 23.5	29.2
15	22.7	21.7	22.8	22.25
16	22.5	23.2	23.1	23.15
17	25.55	24.8	25.7	25.25
18	30.0	31.4	29.3	30.35
19	16.8	17.1	16.7	16.9
20	22.15	22.9	22.7	22.8
21	13.05	13.1	13.0	13.05
22	27.4	29.1	26.6	27.85
23	26.1	26.8	26.4	26.6
24	25.6	26.5	25.7	26.1

3/25 22 am 18.0p
18m

19.00

21.71

16.56

17.27

17.27 17.15

20.60

✓

				mid	
25	29.5	30.2	29.6	29.9	
26	16.65	17.2	17.1	17.15	
27	29.1	30.2	29.4	29.8	
28	31.0	32.8	31.8	32.05	
29	24.85	24.7	25.9	25.3	
30	23.55	23.8	24.8	24.3	
31	31.65	32.5	32.0	32.25	
32	20.95	20.0 25.0	22.3	21.25	21.00 (21.00)
33	25.75	26.9	26.0	26.45	
34	13.6	14.0	13.0	13.5	14.31
35	33.4	34.1	34.0	34.05	
36	31.65	32.5	31.7	32.1	
37	19.2	18.8	19.8	19.3	
38	20.3	21.6	19.7	20.65	
39	16.65	18.3	18.2	16.75	3/25 18 ^{am} 18 ^m
40	22.6	24.1	23.8	23.95	
41	14.55	14.2	15.0	14.6	10.3 2.7
42	25.15	25.6	25.8	25.7	
43	23.9	25.2	23.4	24.3	
44	24.4	26.2	23.4	24.8	
45	25.9	26.6	26.3	26.95	
46	29.1	29.8	29.6	29.7	22.50
47	30.7	31.4	30.8	31.1	
48	10.2	10.5	9.8	10.15	14.61

				mid	
49	31.0	32.3	31.5	31.9	
50	31.05	31.6	31.6	31.6	
51	24.3	28.5	27.9	28.2	
52	25.75	26.7	25.2	25.95	20.80
53	31.35	33.3	31.1	32.2	
54	30.4	31.3	30.3	30.8	24.19
55	27.5	27.4	29.1	28.25	
56	21.8	21.6	23.3	22.45	
57	18.6	19.1	18.9	19.0	
58	17.4	17.0	18.0	17.5	17.94
59	18.8	19.0	19.1	19.05	
60	27.0	28.8	26.6	27.7	2.39 1/2
61	20.25	20.1	20.6	20.35	21.70
62	16.1	15.4	15.9	15.65	
63	22.25	22.6	22.4	22.5	19.28
64	27.55	29.0	26.5	27.75	
65	20.6	22.1	20.4	21.25	
66	31.05	34.0	29.6	31.8	
67	9.65	10.1	9.4	9.25	
68	11.35	11.7	11.2	11.35	16.00
69	28.2	29.1	27.8	28.45	
70	12.1	12.9	12.3	12.6	
71	24.7	25.5	25.3	25.4	
72	19.7	19.6	19.8	19.7	18.27

mid

73	19.5	20.0	19.6	19.8	
74	22.5 [⊗]	23.0	24.0	23.65	19.48
75	21.9	22.3	22.1	22.2	
76	16.8	17.6	16.6	17.1	
77	20.45	21.3	21.0	21.15	
78	17.85	18.0	18.8	18.4	
79	26.2	27.6	26.8	27.2	
80 [⊕]	19.5 [⊗]	20.3	19.0	19.65	19.47
81	24.05	25.0	24.1	24.55	
82	24.4	26.7	27.0	26.85	
83	28.3	29.0	28.4	28.7	
84	18.15 [⊕]	19.0	18.0	18.5	15.45
85	31.0	32.5	30.3	31.4	
86	20.6	19.2	22.3	20.75	
87	28.6	30.3	27.7	29.0	
88	20.85	20.9	21.6	21.25	
89	18.9	19.0	19.5	19.25	
90	31.25	32.1	31.6	31.85	
91	21.25 [⊗]	21.4	21.0	21.2	
92	21.8	22.0	22.2	22.1	
93	21.1 [⊕]	22.3	21.3	21.8	19.46
94	23.5	24.6	23.5	24.05	
95	19.4	19.7	19.8	19.75	
96	16.5 [⊗]	15.2	18.3	18.75	15.28

✓

mid

97	19.8	19.8	22.5	21.15	
98	30.35	31.9	29.6	30.75	
99	12.8 [⊗]	13.6	13.2	12.9	14.63
100	17.25	18.0	17.0	17.5	
101 [⊕]	16.4	16.9	16.5	16.7	
102	16.45 [⊗]	18.6	17.0	17.8	15.91
103	7.85	13.2	12.9 [⊗]	13.05	
104	26.15	29.0	27.2	27.1	
105	13.1 [⊗]	13.4	13.7	13.55	15.54
106	18.85	18.6	19.9	19.25	
107	17.4	18.0	17.6	17.8	
108	18.75 [⊗]	19.0	19.6	19.3	17.22
109	18.5	19.1	18.7	18.9	
110	18.75	19.6	19.0	19.3	
111 [⊕]	6.9	7.0	7.0	7.0	10.84
112	26.45	27.2	26.7	26.95	
113 [⊕]	11.1 [⊗]	11.3	10.6	10.95	11.79
114	24.7	25.2	25.4	25.3	
115	18.75	19.6	18.5	19.05	
116	19.15	19.6	19.0	19.3	
117	11.4 [⊗]	11.9	11.4	11.65	13.29
118	26.65	28.0	26.1	27.05	
119	22.55 [⊗]	23.5	23.0	23.25	22.45
120	25.6	25.8	26.1	25.95	

✓

山 3/4/12 又干段要測定地

38-12/21 鹽本

秩 演 測 樹 野 帳

No.

121	11.7	11.5	122	1185
122	14.75	14.6	157	1515
123	24.2	26.2	246	249
124	19.55	20.1	290	2005
125	20.7	21.0	213	2115
126	29.85	29.6	277	2865
129	20.6	21.2	210	211

m
20.76

全 N 127 5,541.4
 材積 N 32 1,000.6
 % 25.2% 18.05%
 ~~~~~  
 71%

全  
1093  
802

| 場所 |     | 字  |    | 小班    |    | 年 月 日 |    | 測樹者 |         | 備考 |       |    |    |
|----|-----|----|----|-------|----|-------|----|-----|---------|----|-------|----|----|
| 林班 |     | 31 |    | 区域    |    | F入区   |    |     |         |    |       |    |    |
| 番号 | 樹種  | 胸高 | 直径 | 樹高    | 材積 | 備考    | 番号 | 樹種  | 胸高      | 直径 | 樹高    | 材積 | 備考 |
| 1  |     | 20 |    | 2190  |    |       | 1  | F 3 | 21039   |    |       |    |    |
| 2  |     | 20 |    | 2279  |    |       | 2  | F 3 | 1146    |    |       |    |    |
| 3  |     |    |    |       |    |       | 3  | F 3 | 1246    |    |       |    |    |
| 4  |     | 17 |    | 1545  |    |       | 4  | - 1 | 452     |    | 20.96 |    |    |
| 5  |     |    |    |       |    |       | 5  |     |         |    |       |    |    |
| 6  |     |    |    |       |    |       | 6  | T 2 | 1062    |    |       |    |    |
| 7  |     | 12 |    | 1329  |    |       | 7  |     |         |    |       |    |    |
| 8  |     |    |    |       |    |       | 8  |     |         |    |       |    |    |
| 9  |     | 22 |    | 2243  |    |       | 9  | - 1 | 661     |    |       |    |    |
| 10 |     | 1  |    | 90079 |    |       | 10 | - 1 | 907     |    |       |    |    |
| 1  | T 2 |    |    | 190   |    |       | 1  |     |         |    |       |    |    |
| 2  |     |    |    |       |    |       | 2  |     |         |    |       |    |    |
| 3  | F 3 |    |    | 398   |    |       | 3  |     |         |    |       |    |    |
| 4  | - 1 |    |    | 154   |    |       | 4  |     |         |    |       |    |    |
| 5  |     |    |    |       |    |       | 5  |     |         |    |       |    |    |
| 6  | T 2 |    |    | 402   |    |       | 6  |     |         |    |       |    |    |
| 7  | F 3 |    |    | 681   |    |       | 7  |     |         |    |       |    |    |
| 8  | - 1 |    |    | 254   |    |       | 8  |     |         |    |       |    |    |
| 9  | - 1 |    |    | 284   |    |       | 9  |     |         |    |       |    |    |
| 10 | F 4 |    |    | 1254  |    |       | 10 | 32  | 1,000.6 |    |       |    |    |



山 3/112 干段受測地一  
21.22

md

樹野帳

秩 演 測 樹 野 帳

No. /

| 樹種 | 番号 | 樹高 | 胸直 | 材積 | 備考 |
|----|----|----|----|----|----|
| 杉  | 1  | 21 |    |    |    |
| 杉  | 2  |    |    |    |    |
| 杉  | 3  |    |    |    |    |
| 杉  | 4  |    |    |    |    |
| 杉  | 5  |    |    |    |    |
| 杉  | 6  |    |    |    |    |
| 杉  | 7  |    |    |    |    |
| 杉  | 8  |    |    |    |    |
| 杉  | 9  |    |    |    |    |
| 杉  | 10 |    |    |    |    |
| 杉  | 11 |    |    |    |    |
| 杉  | 12 |    |    |    |    |
| 杉  | 13 |    |    |    |    |
| 杉  | 14 |    |    |    |    |
| 杉  | 15 |    |    |    |    |
| 杉  | 16 |    |    |    |    |
| 杉  | 17 |    |    |    |    |
| 杉  | 18 |    |    |    |    |
| 杉  | 19 |    |    |    |    |
| 杉  | 20 |    |    |    |    |

| 場所  | 字     | 小班 | 区域   | 測樹者       | 備考  |     |      |    |      |    |     |
|-----|-------|----|------|-----------|-----|-----|------|----|------|----|-----|
| 山   | 3/112 | 干段 | 受測地一 | 28年/2月22日 | 白田  |     |      |    |      |    |     |
| 番号  | 樹種    | 胸直 | 樹高   | 材積        | 備考  | 番号  | 樹種   | 胸直 | 樹高   | 材積 | 備考  |
| 61  | 杉     | 20 | 2170 |           | 301 | 1   |      |    |      |    |     |
| 72  | 杉     | 20 | 1827 |           | 338 | 52  | 杉    | 26 | 2080 |    | 347 |
| 3   |       |    |      |           |     | 63  | 杉    | 22 | 1928 |    | 343 |
| 74  | 杉     | 18 | 1545 |           | 320 | 124 | 杉    | 20 | 2076 |    | 327 |
| 5   |       |    |      |           |     | 105 | 杉    | 10 | 1554 |    | 332 |
| 6   |       |    |      |           |     | 46  | 杉    | 30 | 2250 |    | 342 |
| 117 | 杉     | 12 | 1329 |           | 326 | 7   |      |    |      |    |     |
| 78  | 杉     | 8  |      |           | 330 | 48  | 杉    | 10 | 1061 |    | 344 |
| 119 | 杉     | 22 | 2245 |           | 325 | 9   |      |    |      |    |     |
| 80  | 3327  | 20 | 1947 |           | 339 | 0   |      |    |      |    |     |
| 1   |       |    |      |           |     | 91  | 杉    | 20 |      |    | 328 |
| 102 | 杉     | 18 | 1591 |           | 333 | 2   |      |    |      |    |     |
| 3   |       |    |      |           |     | 93  | 杉    | 20 | 1846 |    | 329 |
| 74  | 杉     | 24 | 1948 |           | 336 | 14  | 杉    | 30 | 2419 |    | 338 |
| 5   |       |    |      |           |     | 5   |      |    |      |    |     |
| 6   |       |    |      |           |     | 96  | 杉    | 16 | 1528 |    | 331 |
| 7   |       |    |      |           |     | 7   |      |    |      |    |     |
| 108 | 杉     | 18 | 1722 |           | 334 | 68  | 3327 | 12 | 1600 |    | 340 |
| 99  | 杉     | 14 | 1463 |           | 335 | 9   |      |    |      |    |     |
| 70  | 3327  | 10 |      |           | 337 | 0   |      |    |      |    |     |



山 3/112 2年 2月 22日 測樹者 白川

12  
1490

秩 演

# 測 樹 野 帳

No. 2

測 樹 野 帳

| 樹種 | 胸直 | 樹高 | 材積 | 備考 |
|----|----|----|----|----|
| 1  |    |    |    |    |
| 2  |    |    |    |    |
| 3  |    |    |    |    |
| 4  |    |    |    |    |
| 5  |    |    |    |    |
| 6  |    |    |    |    |
| 7  |    |    |    |    |
| 8  |    |    |    |    |
| 9  |    |    |    |    |
| 0  |    |    |    |    |
| 1  |    |    |    |    |
| 2  |    |    |    |    |
| 3  |    |    |    |    |
| 4  |    |    |    |    |
| 5  |    |    |    |    |
| 6  |    |    |    |    |
| 7  |    |    |    |    |
| 8  |    |    |    |    |
| 9  |    |    |    |    |
| 0  |    |    |    |    |

| 場 所 | 字 林班 | 小 班 区域 | 年 月 日 | 測 樹 者 | 備 考 |
|-----|------|--------|-------|-------|-----|
| 11  | 22   | 1900   | 25    | 2月22日 | 白川  |
| 12  | 20   | 2100   |       |       |     |
| 13  | 20   | 2171   |       |       |     |
| 14  | 19   | 1931   |       |       |     |
| 15  | 24   | 1656   |       |       |     |
| 16  | 26   |        |       |       |     |
| 17  | 22   | 1804   |       |       |     |
| 18  | 16   | 1894   |       |       |     |
| 19  | 10   |        |       |       |     |
| 20  |      |        |       |       |     |
| 21  | 12   | 1715   |       |       |     |
| 22  |      |        |       |       |     |
| 23  | 26   | 2068   |       |       |     |
| 24  |      |        |       |       |     |
| 25  |      |        |       |       |     |
| 26  |      |        |       |       |     |
| 27  |      |        |       |       |     |
| 28  | 8    |        |       |       |     |
| 29  | 18   |        |       |       |     |
| 30  |      |        |       |       |     |





字入山子/11/内

不井'成長測空地残積

東京大學農學部附屬養父演習林

養父演習林 佐藤 修



| 樹種・施設種別                 | スギ 無固伐比較区                                        |                             |                              |          | スギ 年入固伐区                                     |                           |                               |          |         |         |         |          |  |  |
|-------------------------|--------------------------------------------------|-----------------------------|------------------------------|----------|----------------------------------------------|---------------------------|-------------------------------|----------|---------|---------|---------|----------|--|--|
|                         | 入山3/U1内                                          |                             | 1,280 m <sup>2</sup> × 78/25 |          | 入山3/U1内                                      |                           | 1,184 m <sup>2</sup> × 8,445/ |          |         |         |         |          |  |  |
| 植栽年度                    | 大正15年(1926)                                      |                             |                              |          | 大正15年(1926)                                  |                           |                               |          |         |         |         |          |  |  |
| 測定年月                    | 昭和38-5 (1963)                                    | 昭和39-5 (1964)               |                              |          | 昭和38-5 (1963)                                | 昭和39-5 (1964)             |                               |          |         |         |         |          |  |  |
|                         |                                                  |                             |                              |          | 固伐前                                          | 固伐前                       | 固伐後                           | 固伐後      |         |         |         |          |  |  |
| 林 会                     | (37)<br>36                                       | (37)<br>36                  | (38)<br>37                   |          | (37)<br>36                                   | (37)<br>36                | (38)<br>37                    |          |         |         |         |          |  |  |
| 本 数                     | 163                                              | 1,293                       | 163                          | 1,293    | 127                                          | 1,073                     | 127                           | 1,073    | 33      | 279     | 94      | 794      |  |  |
| 平均胸高直径 CM               | 24.5                                             | 24.5                        | 25.0                         |          | 23.6                                         | 23.6                      | 24.0                          |          | 20.0    |         | 25.2    |          |  |  |
| 平均 樹 高 M                | <del>23.45</del><br>23.45                        | <del>23.45</del><br>23.45   | 23.60                        |          | <del>21.40</del><br>21.40                    | <del>23.15</del><br>23.15 | 21.55                         |          | 19.65   |         | 22.10   |          |  |  |
| 胸高断面積 合計 M <sup>2</sup> | 7,696.0                                          | 60,125.0                    | 8,013.8                      | 62,607.8 | 5,541.4                                      | 46,802.1                  | 5,739.5                       | 48,445.2 | 1,042.1 | 8,801.5 | 4,699.4 | 39,673.7 |  |  |
| 蓄 積 M <sup>3</sup>      | <del>91.64</del><br>91.64                        | <del>715.94</del><br>715.94 | 95.61                        | 746.95   | 60.97                                        | 514.98                    | 63.35                         | 535.05   | 10.90   | 92.06   | 52.45   | 442.99   |  |  |
| 平均残量 M <sup>3</sup>     |                                                  | <del>19.89</del><br>19.89   |                              | 20.19    |                                              | 14.31                     |                               | 14.46    |         |         |         | 11.97    |  |  |
| 定期残量 M <sup>3</sup>     |                                                  |                             |                              | 31.01    |                                              |                           |                               | 20.07    |         |         |         |          |  |  |
| 全上平均残量 M <sup>3</sup>   |                                                  |                             |                              | 31.01    |                                              |                           |                               | 20.07    |         |         |         |          |  |  |
| 成長率 %                   | $P = \frac{(M - m)}{M + m} \times \frac{200}{n}$ |                             |                              | 4.24%    | $\frac{20.07}{1050.03} \times \frac{200}{1}$ |                           |                               | 3.82%    |         |         |         |          |  |  |
| 固伐率 N %                 |                                                  |                             |                              |          |                                              |                           |                               |          |         | 2598    |         |          |  |  |
|                         |                                                  |                             |                              |          |                                              |                           |                               |          |         | 1816    |         |          |  |  |
|                         |                                                  |                             |                              |          |                                              |                           |                               |          |         | 1721    |         |          |  |  |



入山 3/11, 内手入区 A-1184m<sup>2</sup> × 0.4459

東京大学農学部附属演習林

昭和39年5月25日調査

| 胸高直径<br>CM | 樹高<br>H | 單木枚数<br>V | 総計 |        |       | 間伐 |      |       | 残存 |      |       | 胸高直径<br>CM | 樹高<br>H | 單木枚数<br>V | 総計         |       |       | 間伐 |        |        | 残存 |   |   |    |         |        |       |       |
|------------|---------|-----------|----|--------|-------|----|------|-------|----|------|-------|------------|---------|-----------|------------|-------|-------|----|--------|--------|----|---|---|----|---------|--------|-------|-------|
|            |         |           | N  | G      | D     | N  | G    | D     | N  | G    | D     |            |         |           | N          | G     | D     | N  | G      | D      | N  | G | D |    |         |        |       |       |
| 7          | 1210    | 0.030     | 1  | 0.0038 | 0.030 |    |      |       |    |      |       | 25         | 2200    | 0.542     | 9          | 4418  | 4.878 |    |        |        |    |   |   | 正  | 9       | 4418   | 4.878 |       |
| 8          |         |           |    |        |       |    |      |       |    |      |       |            |         |           |            |       |       |    |        |        |    |   |   |    |         |        |       |       |
| 9          | 1340    | 0.045     | 1  | 64     | 45    |    |      |       |    |      |       | 26         | 2245    | 0.579     | 5          | 2655  | 2.895 | 1  | 531    | 579    |    |   |   | 正  | 4       | 2124   | 2316  |       |
| 10         | 1400    | 0.061     | 1  | 79     | 61    | 1  | 79   | 0.061 |    |      |       | 27         | 2285    | 0.652     | 7          | 4008  | 4.564 | 1  | 573    | 652    |    |   |   | 正  | 6       | 3435   | 3912  |       |
| 11         | 1465    | 0.080     | 2  | 190    | 160   | 2  | 190  | 160   |    |      |       | 28         | 2330    | 0.694     | 7          | 4310  | 4.858 |    |        |        |    |   |   | 正  | 7       | 4310   | 4.858 |       |
| 12         | 1525    | 0.093     | 2  | 226    | 186   | 1  | 113  | 93    | 1  | 113  | 93    | 29         | 2370    | 0.977     | 4          | 2642  | 3108  |    |        |        |    |   |   | 正  | 4       | 2642   | 3108  |       |
| 13         | 1585    | 0.114     | 4  | 430    | 456   | 2  | 265  | 228   | 2  | 265  | 228   | 30         | 2410    | 0.823     | 4          | 2828  | 3292  | 1  | 707    | 823    |    |   |   | 正  | 3       | 2121   | 2469  |       |
| 14         | 1645    | 0.131     | 2  | 308    | 262   | 2  | 308  | 262   |    |      |       |            |         |           |            |       |       |    |        |        |    |   |   |    |         |        |       |       |
| 15         | 1700    | 0.160     | 2  | 353    | 320   |    |      |       | 2  | 353  | 320   | 31         | 2450    | 0.900     | 5          | 3774  | 4.500 | 1  | 755    | 900    |    |   |   | 正  | 4       | 3019   | 3.600 |       |
| 16         | 1755    | 0.190     | 2  | 402    | 380   | 1  | 201  | 190   | 1  | 201  | 190   | 32         | 2490    | 0.937     | 8          | 6434  | 7.496 |    |        |        |    |   |   | 正  | 8       | 6434   | 7.496 |       |
| 17         | 1870    | 0.214     | 5  | 1135   | 1070  | 2  | 454  | 428   | 2  | 681  | 642   | 33         | 2525    | 0.990     | 2          | 1711  | 1.980 |    |        |        |    |   |   | 正  | 2       | 1711   | 1.980 |       |
| 18         | 1885    | 0.251     | 5  | 1272   | 1.255 | 2  | 509  | 502   | 2  | 763  | 755   | 34         | 2565    | 1.087     | 1          | 908   | 1.087 |    |        |        |    |   |   |    |         |        |       |       |
| 19         | 1915    | 0.298     | 11 | 3119   | 3.058 | 2  | 567  | 556   | 2  | 2552 | 2.502 | 35         | 2600    |           |            |       |       |    |        |        |    |   |   |    |         |        |       |       |
| 20         | 1965    | 0.322     | 6  | 1885   | 1.932 | 4  | 1257 | 1.288 | 2  | 628  | 644   |            |         |           |            |       |       |    |        |        |    |   |   |    |         |        |       |       |
|            |         |           |    |        |       |    |      |       |    |      |       | 36         | 2635    | 1.203     | 1          | 1018  | 1.203 |    |        |        |    |   |   |    |         | 1      | 1018  | 1.203 |
| 21         | 2015    | 0.354     | 10 | 3464   | 3.540 | 2  | 693  | 708   | 2  | 2971 | 2.832 | 37         | 2670    | 1.315     | 1          | 1075  | 1.315 |    |        |        |    |   |   |    |         | 1      | 1075  | 1.315 |
| 22         | 2065    | 0.409     | 7  | 2661   | 2.863 | 4  | 1521 | 1.636 | 3  | 1140 | 1.227 | 38         | 2700    | 1.377     | 1          | 1134  | 1.377 | 33 |        |        |    |   |   |    | 94      | 1134   | 1.377 |       |
| 23         | 2110    | 0.443     | 6  | 2492   | 2.658 | 3  | 1246 | 1.329 | 3  | 1246 | 1.329 | 計          |         |           | 127        | 57395 | 63.35 | 33 | 1.0421 | 10.899 |    |   |   | 94 | 4.8974  | 52.452 |       |       |
| 24         | 2155    | 0.504     | 5  | 2262   | 2.520 | 1  | 452  | 504   | 4  | 1870 | 2.016 |            |         |           | mg 0.04519 |       |       |    |        |        |    |   |   | mg | 0.04999 |        |       |       |

2855

12625

2nd-240  
mh-21.55m

25661-10.899  
2nd-20.0  
mh-19.65m

34349-52.652  
2nd-25.2  
mh-22.0m