

二台又井試驗地 (1)

1986.

No. 全60# 5

No 前回測定 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10

1	26.75	27.7	27.2	27.45	30.1	27.2
7	36.20	39.5	36.8	38.15	41.0	38.0
16	35.30	38.1	36.7	37.40	38.0	38.8
20	30.20	30.5	31.2	30.85	31.0	30.8
22	20.10	?	?	?	?	?
26	19.20	19.4	19.5	19.45	19.4	19.4
29	35.40	36.0	38.5	37.25	36.1	38.2
32	24.90	24.9	23.2	24.05	24.0	24.0
34	36.85	38.2	35.3	36.75	38.1	35.2
35	37.00	25.2	25.0	25.10	24.5	23.5
42	41.25	44.5	41.6	43.05	45.5	43.0
44	47.15	49.5	48.5	49.00	51.0	49.5
47	28.30	?	19.5	26.7	23.10	26.5
53	33.05	36.1	33.1	34.60	36.8	35.0
57	35.40	37.4	35.1	36.30	38.0	36.0
60	24.35	24.3	24.8	24.55	24.0	24.0
62	20.30	20.5	20.4	20.45	20.0	19.5
67	22.05	22.2	21.2	21.70	23.0	20.5
73	35.00	35.3	37.2	36.25	35.0	37.2
78	40.80	42.0	43.5	42.75	42.0	44.0
88	33.80	35.5	33.0	34.25	35.2	31.8
93	23.70	24.9	25.0	24.95	25.0	24.0
95	20.15	18.0	18.1	18.05	18.0	17.5
100	17.75	18.0	20.0	20.00	19.5	21.5
101	20.60	44.5	41.9	42.20	44.0	44.0
104	39.85	25.5	25.6	26.15	25.0	25.8
106	25.05	?	?	?	?	?
116	25.85	?	?	?	?	?

H.3.4.22.

形像以外0#

No	D1	D2
23	38.9	38.0
5	37.0	34.0
6	24.5	24.0
8	46.0	45.0
39	25.0	25.2
40	30.0	28.0
274	?	?
37	?	?

941)

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No	前回測定	D1	D2	D1	D1	D2
123	25.85	26.1	26.6	26.35	25.5	26.0
126	27.75	28.3	28.4	28.35	28.0	28.5
129	19.40				18.0	19.8
130	31.30	32.0	32.6	32.30	31.5	32.5
135	22.30	23.0	22.0	22.80	22.8	21.8
150	29.05	29.3	30.7	30.00	29.0	30.5
153	39.75	40.7	40.8	40.75	40.0	43.0
157	26.15	26.3	28.5	27.40	26.0	29.5
164	32.05	32.0	33.6	31.80	33.0	29.0
171	37.05	37.1	38.7	38.90	39.0	40.5
174	22.45	23.0	22.6	22.80	22.5	24.0
177	23.05	22.0	23.4	22.70	22.0	23.0
178	33.05	34.6	35.5	35.05	36.8	35.5
180	28.25	28.5	31.2	29.85	29.0	31.0
187	34.35	35.1	36.0	35.55	35.5	36.5
196	32.25	32.6	33.5	33.05	33.0	33.5
200	43.45	45.4	45.0	45.20	46.0	46.0
202	22.45	22.4	22.2	22.30	21.5	22.5
203	20.45	20	20.5	20.5	20.5	20.5
207	38.20	39.2	39.3	39.25	39.5	39.0
213	42.75	44.2	44.7	44.45	45.5	44.0
229	47.05	52.2	47.5	49.85	51.0	55.0
235	27.10	25.5	28.5	27.00	22.8	21.5
243	21.65	21	21	21	21	21
244	24.70	24.3	26.0	25.15	24.0	25.0
249	33.40	34.0	34.0	34.00	34.0	34.0
253	37.60	38.7	39.5	39.10	39.0	39.0
264	41.00	41.0	43.0	42.00	41.0	44.0

林小班: 二の台 杉

樹木No.	20	22 <sup>o</sup>	23 <sup>o</sup>	44 <sup>o</sup>	60 <sup>o</sup>	62 <sup>o</sup>	78
斜距離	30		30	30	30	30	30
高低角	-9.5		0.8	-2.5	-1.9	-3.8	-4.5
梢端	20.5		24.5	25.0	22.5	20.1	24.0
枝下							
根元	-5.0		-0.5	1.2	-1.3	-1.5	-4.4
+α	+2.0		2.0	2.0			<del>2.0</del>
樹高	26.81		27.00	25.75	23.77	21.51	28.23
枝下高							
前回樹高	23.14	<del>23.14</del>	23.96	25.49	23.90	20.41	24.83

樹木No.	88	100 <sup>o</sup>	106 <sup>o</sup>	116 <sup>o</sup>	121 <sup>o</sup>	157 <sup>o</sup>	177 <sup>o</sup>
斜距離	<del>30</del> 30	30		30	30	30	30
高低角	<del>-6.0</del> -3.5	-3.5		-9.1	-14.0	-10.2	-7.2
梢端	<del>21.2</del> 23.0	23.0		19.0	26.5	21.5	<del>17.5</del> 16.8
枝下							
根元	<del>-5.0</del> -5.0	-2.0		-6.0	-4.0	-5.5	-5.8
+α		2.0			2.0		
樹高	25.91	28.00		24.37	30.71	26.15	22.24
枝下高							
前回樹高	23.78	21.93	<del>21.93</del>	21.47	26.39	22.96	21.91

根元: 下向き -

樹木No.	178	187°	196 ✓	207 ✓	213°	243°	253 ✓
斜距離	30	30	30	30	30		30
高低角	-6.2	-14.5	-11.9	-15.1	17.0		-18.6
梢端	24.3	18.5 <sup>28</sup> <sub>28</sub>	19.0	18.0	26.0		21.8
枝下							
根元	-6.1	-10.1	-6.8	-8.2	-9.0		-10.2
+α					2.0		
樹高	30.05	26.81	24.70	24.42	34.01		28.74
枝下高							
前回樹高	26.72	24.61	25.50	23.78	26.66		25.18

樹木No.	272 ✓						
斜距離	30						
高低角	-8.4						
梢端	22.9						
枝下							
根元	-7.2						
+α	2.0						
樹高	31.45						
枝下高							
前回樹高	27.39						

## 二ノ台試験地 直径

年月 齡	1916.03 16	1921.05 21	1925.06 25	1930.05 30	1935.06 35	1940.11 40	1948.01 48	1950.11 50
	6.20	8.90	10.50	12.35	14.70	16.85	18.90	19.60
	7.60	10.30	11.70	13.70	15.25	16.80	17.75	18.00
	6.50	8.00	間伐	-	-	-	-	-
	4.20	4.90	間伐	-	-	-	-	-
	4.90	5.80	間伐	-	-	-	-	-
	5.50	6.70	間伐	-	-	-	-	-
	9.70	12.90	14.50	17.00	19.50	21.55	24.60	25.00
	5.60	7.00	間伐	-	-	-	-	-
	7.70	10.20	11.70	13.30	14.90	16.65	18.05	18.30
	8.00	10.20	10.90	12.60	13.30	13.50	間伐	-
	7.00	7.40	不明	-	-	-	-	-
	5.50	6.80	間伐	-	-	-	-	-
	9.30	12.30	12.70	14.15	15.05	15.90	16.05	15.80
	7.40	9.30	9.70	10.85	11.35	11.60	間伐	-
	8.00	10.40	間伐	-	-	-	-	-
	9.80	12.70	14.50	17.40	19.85	22.70	24.80	25.20
	5.90	7.10	間伐	-	-	-	-	-
	4.00	8.20	間伐	-	-	-	-	-
	6.50	8.30	不明	-	-	-	-	-
	9.70	12.90	14.00	16.55	18.65	20.45	23.00	24.00
	8.00	9.70	間伐	-	-	-	-	-
	8.00	10.80	11.50	13.15	14.75	16.00	17.50	17.50
	8.20	10.00	14.50	18.00	21.20	23.75	26.20	26.90
	4.20	3.80	間伐	-	-	-	-	-
	9.30	12.90	間伐	-	-	-	-	-
	6.80	8.60	10.60	13.00	14.65	16.30	17.40	17.40
	6.50	8.60	10.10	12.40	13.80	14.95	間伐	-
	5.20	6.20	間伐	-	-	-	-	-
	8.50	11.20	13.10	16.55	19.25	21.95	24.45	25.70
	4.40	4.50	間伐	-	-	-	-	-
	7.20	7.90	間伐	-	-	-	-	-
	10.50	13.70	15.60	18.05	20.20	21.55	23.05	23.30
	7.70	8.80	間伐	-	-	-	-	-
	9.80	13.70	16.50	20.65	23.65	26.75	30.00	31.50
	9.80	12.50	12.80	13.85	14.65	15.05	間伐	-
	7.30	9.50	10.20	11.65	12.70	13.45	13.85	14.20
	8.90	12.10	12.20	13.45	14.25	14.65	間伐	-
	10.40	13.00	13.60	14.90	15.65	16.40	16.95	17.20
	9.20	12.70	間伐	-	-	-	-	-
	7.50	9.50	10.50	12.15	13.25	14.40	間伐	-
	7.20	9.50	間伐	-	-	-	-	-
	9.70	13.20	17.00	20.60	23.90	26.90	30.20	31.80
	13.00	15.50	間伐	-	-	-	-	-
	8.30	12.10	14.40	17.80	21.65	25.70	29.50	32.80
	4.50	6.10	間伐	-	-	-	-	-
	7.30	9.40	間伐	-	-	-	-	-
	8.70	12.00	12.80	15.10	16.50	17.80	19.55	20.60
	6.70	8.00	間伐	-	-	-	-	-
	10.50	13.90	16.30	18.60	19.95	21.40	間伐	-
	7.60	8.60	間伐	-	-	-	-	-

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月齡	1957.11 57	1960.12 60	1965.11 65	1970.12 70	1976.01 76	1981.02 81	1983.10 83	1986.01 86
	22.80	22.55	23.95	24.15	25.60	26.75	27.40	27.45
	18.45	18.25	18.70	枯損	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	29.15	29.90	31.40	32.50	34.30	36.20	37.90	38.15
	-	-	-	-	-	-	-	-
	19.30	19.50	19.65	19.65	枯損	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	枯損	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	28.40	29.55	30.90	32.00	34.20	35.30	37.00	37.40
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	26.65	27.80	28.35	28.20	29.10	30.20	31.00	30.85
	-	-	-	-	-	-	-	-
	18.85	19.00	19.00	19.75	19.95	20.10	20.40	枯損
	29.50	30.55	32.00	32.75	35.00	37.00	37.75	不明
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	18.45	18.30	18.70	18.95	19.20	19.20	19.65	19.45
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	28.25	29.20	31.15	32.20	34.10	35.40	36.90	37.28
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	24.45	25.05	24.75	25.00	24.60	24.90	25.20	24.05
	-	-	-	-	-	-	-	-
	33.25	33.15	35.60	36.20	36.25	36.85	38.70	36.75
	-	-	-	-	-	-	-	25.10
	14.00	13.80	13.85	13.70	枯損	-	-	-
	-	-	-	-	-	-	-	-
	17.45	17.40	17.40	17.00	枯損	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	35.15	36.20	37.85	38.50	39.00	41.25	43.90	43.05
	-	-	-	-	-	-	-	-
	35.55	37.45	40.05	41.70	44.20	47.15	48.75	49.00
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	23.05	23.80	24.80	26.00	26.70	28.30	23.80	23.10
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
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月齡	1916.03 16	1921.05 21	1925.06 25	1930.05 30	1935.06 35	1940.11 40	1948.01 48	1950.11 50
7.20	9.50	間伐	—	—	—	—	—	—
7.80	10.30	間伐	—	—	—	—	—	—
10.70	14.40	15.60	18.50	20.50	22.75	25.40	26.40	26.40
7.20	8.30	間伐	—	—	—	—	—	—
4.30	4.70	間伐	—	—	—	—	—	—
7.30	8.90	間伐	—	—	—	—	—	—
11.50	15.60	17.60	20.85	22.65	25.05	27.85	29.00	29.00
6.40	7.00	9.20	10.65	11.20	11.70	11.80	12.00	12.00
8.90	11.10	11.20	不明	—	—	—	—	—
6.70	11.40	12.50	16.10	17.85	19.35	21.00	21.60	21.60
8.10	8.00	間伐	—	—	—	—	—	—
8.60	11.10	12.70	15.30	16.65	17.70	18.95	19.70	19.70
7.70	10.10	間伐	—	—	—	—	—	—
6.70	8.50	間伐	—	—	—	—	—	—
8.30	10.00	10.80	12.25	13.10	13.40	間伐	—	—
7.70	9.60	間伐	—	—	—	—	—	—
8.40	12.30	13.10	15.30	16.50	17.55	18.55	19.10	19.10
6.40	7.10	間伐	—	—	—	—	—	—
11.00	13.40	間伐	—	—	—	—	—	—
9.80	12.40	12.80	14.35	14.95	15.45	間伐	—	—
6.70	8.10	間伐	—	—	—	—	—	—
5.60	6.60	間伐	—	—	—	—	—	—
9.60	13.00	14.80	18.15	20.80	23.05	26.00	27.30	27.30
7.50	9.50	間伐	—	—	—	—	—	—
7.90	8.50	間伐	—	—	—	—	—	—
6.90	9.10	間伐	—	—	—	—	—	—
6.90	9.40	間伐	—	—	—	—	—	—
12.10	16.10	18.20	21.05	23.60	26.25	28.90	30.90	30.90
5.60	6.60	間伐	—	—	—	—	—	—
9.80	11.40	13.00	14.10	15.30	16.45	間伐	—	—
8.20	10.90	11.80	12.75	13.10	13.25	間伐	—	—
5.20	5.20	間伐	—	—	—	—	—	—
7.30	9.70	10.70	12.60	13.55	14.25	15.00	15.40	15.40
6.70	9.00	間伐	—	—	—	—	—	—
9.30	12.20	13.30	14.85	15.70	16.65	17.65	18.20	18.20
7.30	7.60	間伐	—	—	—	—	—	—
6.90	9.70	10.30	11.85	12.65	13.05	間伐	—	—
8.40	11.80	14.40	16.75	18.80	21.00	23.70	24.70	24.70
6.10	7.00	間伐	—	—	—	—	—	—
7.50	10.60	12.00	14.15	15.35	16.60	間伐	—	—
4.60	5.20	間伐	—	—	—	—	—	—
6.80	7.60	間伐	—	—	—	—	—	—
8.60	11.10	12.00	14.15	15.55	16.60	17.90	18.30	18.30
8.30	10.90	12.00	13.70	14.95	16.00	間伐	—	—
7.60	10.00	10.90	12.90	14.40	16.35	18.00	18.50	18.50
8.40	9.20	間伐	—	—	—	—	—	—
5.20	6.40	間伐	—	—	—	—	—	—
10.10	13.50	15.20	17.70	19.50	21.65	間伐	—	—
5.10	6.20	間伐	—	—	—	—	—	—
7.00	9.20	10.50	12.50	13.35	14.35	15.30	15.60	15.60

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月齡	1957.11 57	1960.12 60	1965.11 65	1970.12 70	1976.01 76	1981.02 81	1983.10 83	1986.01 86
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
28.15	29.05	30.40	31.60	32.00	33.05	34.60	34.60	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
31.20	32.25	33.05	33.90	34.10	35.40	37.00	36.05	—
11.85	11.90	枯損	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
22.55	23.00	23.75	23.80	23.70	24.35	25.00	24.55	—
—	—	—	—	—	—	—	—	—
19.95	20.20	20.45	20.20	21.20	20.30	20.80	20.45	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
19.55	19.50	20.05	21.55	22.05	22.05	23.25	21.70	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
29.60	30.90	31.75	32.10	34.10	35.00	35.80	36.25	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
33.40	34.05	35.05	36.30	38.60	40.80	41.90	42.75	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
15.50	15.60	15.60	枯損	—	—	—	—	—
—	—	—	—	—	—	—	—	—
18.35	18.55	18.55	18.30	17.30	枯損	—	—	—
—	—	—	—	—	—	—	—	—
27.30	27.75	29.50	30.60	33.60	33.80	34.00	34.25	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
19.45	19.60	21.15	21.70	22.25	23.70	24.70	24.50	—
—	—	—	—	—	—	—	—	—
20.00	20.65	20.65	20.40	20.25	20.15	20.60	枯損	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
16.75	17.05	17.30	17.25	17.40	17.75	18.10	18.05	—

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年 月 齡	1916.03 16	1921.05 21	1925.06 25	1930.05 30	1935.06 35	1940.11 40	1948.01 48	1950.11 50
1	8.10	11.40	12.60	14.25	15.55	16.70	17.95	18.10
2	8.40	10.90	12.70	14.55	15.85	17.25	間伐	—
3	7.20	9.10	間伐	—	—	—	—	—
4	10.90	13.90	15.80	19.00	21.65	24.00	27.55	28.80
5	8.00	10.20	間伐	—	—	—	—	—
6	8.90	11.40	13.60	16.15	18.00	19.85	22.05	22.80
7	6.80	8.30	間伐	—	—	—	—	—
8	8.30	10.80	10.80	10.95	10.80	枯損	—	—
9	7.90	9.80	間伐	—	—	—	—	—
0	10.20	13.00	13.90	15.55	16.65	17.50	間伐	—
1	9.10	13.00	14.00	16.00	17.05	17.45	間伐	—
2	9.80	12.70	13.90	15.85	17.15	18.40	間伐	—
3	8.30	11.40	間伐	—	—	—	—	—
4	5.20	5.60	間伐	—	—	—	—	—
5	4.50	5.30	間伐	—	—	—	—	—
6	11.90	15.20	16.10	18.15	19.95	21.60	23.50	24.10
7	10.50	14.20	16.50	18.95	20.95	23.15	25.10	25.70
8	9.50	12.90	13.80	15.50	16.65	17.50	18.45	19.10
9	5.90	6.80	間伐	—	—	—	—	—
0	6.20	7.00	間伐	—	—	—	—	—
1	7.20	9.30	10.50	13.40	15.75	17.50	19.90	20.70
2	7.70	9.80	間伐	—	—	—	—	—
3	9.20	12.40	14.50	17.55	19.75	21.40	22.90	23.40
4	7.30	8.90	間伐	—	—	—	—	—
5	8.80	11.70	間伐	—	—	—	—	—
6	11.10	14.30	15.80	18.10	19.60	21.35	23.05	23.70
7	5.50	6.10	間伐	—	—	—	—	—
8	9.30	12.70	13.40	14.95	15.95	16.25	間伐	—
9	9.70	12.30	13.40	15.35	16.85	17.35	17.95	18.20
0	10.80	13.30	14.70	17.05	19.00	20.50	22.80	23.70
1	8.80	12.50	間伐	—	—	—	—	—
2	10.90	13.50	14.10	14.65	15.20	15.35	間伐	—
3	4.80	6.10	間伐	—	—	—	—	—
4	6.10	8.20	間伐	—	—	—	—	—
5	7.30	9.80	11.50	13.45	14.95	16.30	17.90	18.90
6	7.50	9.20	間伐	—	—	—	—	—
7	9.30	11.80	12.10	13.70	14.55	15.30	間伐	—
8	10.50	10.00	11.40	13.00	14.70	16.20	間伐	—
9	8.30	10.50	間伐	—	—	—	—	—
0	4.20	7.00	間伐	—	—	—	—	—
1	3.30	3.50	間伐	—	—	—	—	—
2	5.20	6.40	間伐	—	—	—	—	—
3	3.90	4.10	間伐	—	—	—	—	—
4	6.60	7.30	間伐	—	—	—	—	—
5	8.70	11.20	11.80	13.00	13.65	14.15	間伐	—
6	9.30	11.40	間伐	—	—	—	—	—
7	9.60	13.10	14.60	16.20	17.25	18.15	19.05	19.40
8	7.20	9.60	間伐	—	—	—	—	—
9	6.70	9.50	間伐	—	—	—	—	—
0	9.80	12.70	14.30	17.35	19.50	21.55	23.90	24.60

地 NINO

年 月 齡	1957.11 57	1960.12 60	1965.11 65	1970.12 70	1976.01 76	1981.02 81	1983.10 83	1986.01 86	1
1	19.45	19.60	20.00	19.90	20.30	20.60	21.20	20.00	
2	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	
4	31.65	32.75	34.60	35.45	37.10	39.85	42.30	41.75	
5	-	-	-	-	-	-	-	-	
6	24.15	24.40	25.15	25.00	25.25	25.05	枯損	-	
7	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	
0	-	-	-	-	-	-	-	-	
1	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	-	
6	25.10	25.65	25.95	25.75	25.90	25.85	26.70	26.15	
7	28.25	28.50	29.25	29.40	31.00	31.45	32.10	32.35	
8	19.20	18.90	18.90	18.70	枯損	-	-	-	
9	-	-	-	-	-	-	-	-	
0	-	-	-	-	-	-	-	-	
1	24.60	25.85	28.20	29.20	32.20	33.25	35.40	34.00	
2	-	-	-	-	-	-	-	-	
3	24.55	24.70	25.35	25.50	25.45	25.85	26.60	26.35	
4	-	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	-	
6	25.15	25.70	26.15	26.35	26.90	27.75	28.45	28.35	
7	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	
9	18.25	17.95	17.95	18.50	19.70	19.40	19.85	不明	
0	27.05	27.55	28.50	28.60	29.80	31.30	32.00	32.30	
1	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	
5	19.90	20.55	21.00	21.00	21.35	22.30	22.60	22.50	
6	-	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	
0	-	-	-	-	-	-	-	-	
1	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	-	
6	-	-	-	-	-	-	-	-	
7	20.00	20.30	20.55	20.45	21.40	枯損	-	-	
8	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	
0	26.30	26.85	27.35	27.65	27.65	29.05	30.60	30.00	

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月 齡	1916.03 16	1921.05 21	1925.06 25	1930.05 30	1935.06 35	1940.11 40	1948.01 48	1950.11 50
	9.90	12.70	間伐	-	-	-	-	-
	7.50	10.10	11.00	12.75	13.65	14.20	間伐	-
	11.80	16.50	18.50	22.35	25.00	27.30	30.00	32.10
	7.70	9.50	間伐	-	-	-	-	-
	10.10	11.40	間伐	-	-	-	-	-
	10.20	13.30	15.00	17.15	19.05	20.75	22.35	23.00
	10.10	13.30	14.00	16.15	17.75	19.25	20.95	21.50
	8.10	10.50	間伐	-	-	-	-	-
	8.90	10.80	11.70	11.85	13.70	14.20	間伐	-
	6.60	7.90	間伐	-	-	-	-	-
	9.20	10.90	11.50	12.20	12.30	12.40	間伐	-
	7.80	9.10	不明	-	-	-	-	-
	9.40	10.90	間伐	-	-	-	-	-
	10.60	14.00	15.80	18.85	20.95	22.60	25.00	26.00
	10.10	雪害	-	-	-	-	-	-
	7.50	13.00	13.50	14.75	15.45	16.10	間伐	-
	4.20	9.50	間伐	-	-	-	-	-
	8.90	9.70	間伐	-	-	-	-	-
	8.20	11.20	12.20	13.20	14.10	14.45	間伐	-
	11.10	11.50	間伐	-	-	-	-	-
	10.80	14.20	16.00	18.85	21.40	23.90	26.65	28.00
	10.50	11.50	間伐	-	-	-	-	-
	8.00	13.90	16.10	19.20	21.70	23.85	26.05	26.10
	9.00	11.20	12.90	14.95	16.90	18.10	19.55	20.30
	6.10	12.30	13.70	15.75	17.15	18.10	間伐	-
	5.90	7.20	間伐	-	-	-	-	-
	8.60	11.50	13.30	15.95	17.40	18.60	20.05	20.40
	9.50	12.40	13.70	16.10	17.85	19.50	22.35	23.40
	6.10	7.00	間伐	-	-	-	-	-
	9.50	12.60	13.40	16.70	18.80	22.55	22.70	23.70
	6.90	8.50	間伐	-	-	-	-	-
	10.00	12.40	間伐	-	-	-	-	-
	8.60	10.60	11.70	13.00	14.05	14.60	間伐	-
	5.80	6.80	間伐	-	-	-	-	-
	9.00	11.10	12.10	13.00	13.65	13.80	間伐	-
	5.80	7.10	間伐	-	-	-	-	-
	9.70	12.60	14.20	17.10	19.80	22.20	25.20	26.80
	10.50	12.60	13.50	14.20	14.60	14.65	間伐	-
	9.50	11.40	間伐	-	-	-	-	-
	9.80	12.30	13.30	14.70	15.80	16.35	17.35	19.90
	10.60	12.40	間伐	-	-	-	-	-
	7.70	9.90	11.40	13.80	15.85	17.20	19.20	19.70
	9.20	10.80	間伐	-	-	-	-	-
	6.00	7.10	間伐	-	-	-	-	-
	10.80	12.90	13.60	15.05	15.45	15.65	間伐	-
	12.50	16.70	18.40	21.70	24.00	24.90	26.80	27.50
	5.10	5.20	間伐	-	-	-	-	-
	9.40	12.00	間伐	-	-	-	-	-
	10.30	12.90	間伐	-	-	-	-	-
	11.10	14.80	16.70	19.65	23.25	26.85	30.25	31.80

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月齡	1957.11 57	1960.12 60	1965.11 65	1970.12 70	1976.01 76	1981.02 81	1983.10 83	1986.01 86
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
34.45	34.65	36.50	37.90	38.20	39.75	42.40	40.75	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
24.10	23.75	24.05	23.90	23.80	不明	—	—	—
23.15	23.35	24.20	24.30	26.60	26.15	27.25	27.40	—
—	—	—	—	—	—	—	—	—
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—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
29.10	29.90	29.90	29.50	30.90	32.05	32.00	31.80	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
31.35	31.65	32.95	33.95	35.95	37.05	39.20	38.90	—
—	—	—	—	—	—	—	—	—
不明	—	—	—	—	—	—	—	—
21.65	21.65	21.85	21.50	22.45	22.45	22.95	22.80	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
21.65	22.00	22.40	22.30	23.60	23.05	23.20	22.70	—
26.05	27.00	27.85	29.00	31.20	33.05	33.80	18.80	—
—	—	—	—	—	—	—	—	—
24.25	24.20	25.10	25.60	27.40	28.25	29.20	29.85	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
29.05	30.10	31.10	31.20	33.20	34.35	35.20	35.55	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
20.55	20.05	20.60	20.80	枯損	—	—	—	—
—	—	—	—	—	—	—	—	—
20.80	21.10	21.35	枯損	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
29.20	29.35	30.05	30.35	31.20	32.25	33.50	33.05	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
35.50	36.70	38.10	39.60	41.00	43.45	45.00	45.20	—

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月齡	1916.03 16	1921.05 21	1925.06 25	1930.05 30	1935.06 35	1940.11 40	1948.01 48	1950.11 50
	7.00	7.70	間伐	-	-	-	-	-
	11.00	13.60	15.30	17.05	18.60	19.85	21.40	21.80
	9.10	11.70	12.60	14.55	16.25	17.95	19.35	20.00
	7.90	8.60	間伐	-	-	-	-	-
	7.30	8.90	不明	-	-	-	-	-
	6.50	8.00	間伐	-	-	-	-	-
	13.60	16.20	18.30	21.45	23.40	25.55	28.60	29.90
	8.50	10.20	間伐	-	-	-	-	-
	11.00	13.00	14.50	16.50	18.05	19.10	20.35	20.80
	6.40	7.00	間伐	-	-	-	-	-
	9.80	10.20	12.40	13.35	13.95	13.90	間伐	-
	9.10	8.30	間伐	-	-	-	-	-
	9.50	11.80	14.20	18.10	21.05	24.40	28.35	30.00
	9.60	12.90	間伐	-	-	-	-	-
	9.80	12.00	13.10	15.25	16.45	17.00	間伐	-
	7.00	8.20	間伐	-	-	-	-	-
	9.80	11.20	13.00	14.95	16.25	17.15	間伐	-
	8.10	9.80	間伐	-	-	-	-	-
	5.90	6.70	間伐	-	-	-	-	-
	8.70	12.40	12.30	13.75	15.00	15.55	間伐	-
	7.30	9.10	間伐	-	-	-	-	-
	7.60	9.40	10.10	11.80	13.40	13.75	14.40	14.40
	8.20	9.20	間伐	-	-	-	-	-
	11.10	13.30	14.80	17.10	18.35	19.10	間伐	-
	10.50	13.40	15.60	18.05	20.20	21.75	24.20	24.30
	7.30	8.30	間伐	-	-	-	-	-
	9.70	11.80	間伐	-	-	-	-	-
	11.20	13.30	14.30	16.40	17.25	17.90	間伐	-
	11.30	14.00	16.10	19.75	22.75	25.90	29.80	32.10
	10.70	12.30	間伐	-	-	-	-	-
	9.60	11.20	間伐	-	-	-	-	-
	8.10	9.10	間伐	-	-	-	-	-
	9.90	12.10	12.70	14.90	16.60	17.60	間伐	-
	7.30	8.20	間伐	-	-	-	-	-
	8.80	10.70	12.30	14.65	16.60	18.20	20.80	21.90
	8.30	10.00	間伐	-	-	-	-	-
	12.50	15.20	間伐	-	-	-	-	-
	10.30	13.40	14.30	16.70	17.95	18.65	間伐	-
	8.10	9.20	間伐	-	-	-	-	-
	6.30	6.80	間伐	-	-	-	-	-
	8.40	9.80	間伐	-	-	-	-	-
	7.00	7.60	間伐	-	-	-	-	-
	9.50	12.70	13.30	16.45	17.90	18.90	20.50	20.90
	11.80	14.50	15.50	18.05	19.70	21.00	22.20	22.70
	7.20	8.80	間伐	-	-	-	-	-
	11.30	14.10	間伐	-	-	-	-	-
	11.10	14.20	15.20	17.95	20.25	22.15	間伐	-
	7.40	8.30	間伐	-	-	-	-	-
	13.30	16.80	18.60	21.30	23.55	25.30	27.95	29.00
	9.50	11.50	間伐	-	-	-	-	-

地 NINO

月齡	1957.11 57	1960.12 60	1965.11 65	1970.12 70	1976.01 76	1981.02 81	1983.10 83	1986.01 86
-	-	-	-	-	-	-	-	-
22.20	22.40	22.40	22.25	23.30	22.45	22.30	22.30	22.30
20.60	20.40	20.70	20.75	20.40	20.45	枯損	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
32.10	32.90	34.30	34.30	35.90	38.20	39.35	39.35	39.25
-	-	-	-	-	-	-	-	-
21.10	20.70	枯損	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
33.30	34.70	37.15	38.40	40.20	42.75	43.90	44.45	44.45
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
14.80	14.60	14.60	枯損	-	-	-	-	-
-	-	-	-	-	-	-	-	-
不明	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
35.05	36.90	38.90	40.35	44.50	47.05	49.25	49.25	49.85
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
23.65	24.80	24.85	24.75	25.05	27.10	27.25	27.25	27.00
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
21.40	21.00	21.35	21.60	21.65	21.65	枯損	-	-
23.40	23.30	23.50	23.75	25.00	24.70	24.90	25.15	25.15
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
30.50	31.10	31.55	31.75	32.60	33.40	34.10	34.00	34.00
-	-	-	-	-	-	-	-	-

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月 齢	1916.03 16	1921.05 21	1925.06 25	1930.05 30	1935.06 35	1940.11 40	1948.01 48	1950.11 50
9.10	10.20	不明	—	—	—	—	—	—
10.20	12.30	間伐	—	—	—	—	—	—
13.50	16.80	18.20	21.70	23.30	25.10	27.85	29.40	29.40
8.00	9.80	間伐	—	—	—	—	—	—
9.00	11.10	12.30	13.85	15.10	15.65	間伐	—	—
6.70	7.60	間伐	—	—	—	—	—	—
8.00	9.70	間伐	—	—	—	—	—	—
10.20	12.90	14.40	16.85	18.50	19.95	21.85	22.60	22.60
9.20	11.70	間伐	—	—	—	—	—	—
7.10	8.50	間伐	—	—	—	—	—	—
8.50	14.20	15.50	17.50	19.05	20.15	20.55	20.50	20.50
8.80	11.40	間伐	—	—	—	—	—	—
8.50	10.90	間伐	—	—	—	—	—	—
12.60	16.10	18.20	21.65	24.30	26.35	29.80	31.30	31.30
6.10	6.00	間伐	—	—	—	—	—	—
9.30	12.30	間伐	—	—	—	—	—	—
13.40	16.40	18.00	21.20	23.35	25.10	27.70	29.00	29.00
9.90	12.60	12.80	14.45	15.30	15.35	間伐	—	—
8.50	10.40	間伐	—	—	—	—	—	—
9.50	10.80	間伐	—	—	—	—	—	—
13.60	17.40	18.70	22.45	25.00	27.25	29.20	30.90	30.90
9.60	12.90	15.90	19.75	22.65	25.75	29.50	31.50	31.50
12.80	16.20	間伐	—	—	—	—	—	—
10.10	11.50	間伐	—	—	—	—	—	—
7.10	8.50	間伐	—	—	—	—	—	—

NINO

月齡	1957.11 57	1960.12 60	1965.11 65	1970.12 70	1976.01 76	1981.02 81	1983.10 83	1986.01 86
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
	32.15	32.55	34.10	35.30	36.30	37.60	39.00	39.10
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
	23.60	24.05	24.75	24.45	枯損	—	—	—
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
	20.45	20.30	20.25	枯損	—	—	—	—
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
	33.80	34.95	36.65	37.15	38.60	41.00	42.20	42.00
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
	31.70	32.45	33.65	34.25	35.40	37.85	38.90	39.75
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
	不明	—	—	—	—	—	—	—
	34.95	36.70	38.10	39.15	41.40	44.75	46.60	47.25
	—	—	—	—	—	—	—	—
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月齡	1916.03 16	1921.05 21	1925.06 25	1930.05 30	1935.06 35	1940.11 40	1948.01 48	1957.11 57
6.5	8.1	9.5	10.8	11.6	13.7	15.2	-	
-	-	11.0	12.0	13.9	16.0	17.5	17.6	
7.1	9.2	-	-	-	-	-	-	
7.5	8.8	10.2	11.3	12.9	13.2	15.9	18.5	
6.7	-	11.1	11.3	13.1	14.0	16.1	17.2	
-	-	-	-	-	-	-	12.5	
7.0	9.7	11.9	11.1	13.7	15.1	18.4	19.6	
8.5	10.0	11.4	12.6	14.9	16.8	18.6	19.7	
6.2	8.2	9.8	10.5	12.1	14.8	15.0	16.5	
-	-	-	-	-	15.1	17.3	19.3	
7.4	9.5	11.7	12.5	14.1	15.2	18.2	20.1	
-	-	-	11.9	14.7	16.4	17.9	20.7	
6.3	8.5	-	-	-	-	-	-	
6.4	8.8	-	-	-	-	-	-	
-	-	-	-	-	-	-	13.9	
-	-	-	-	-	15.1	17.9	19.0	
7.5	8.5	-	-	-	-	-	-	
-	-	-	10.4	11.6	12.0	-	-	
-	-	-	12.4	14.8	16.0	18.0	-	
-	-	-	-	-	14.3	18.0	17.3	
-	-	-	-	-	15.6	18.4	22.6	
7.5	9.6	-	-	-	-	-	-	
-	-	-	11.6	13.7	14.5	16.2	-	
7.4	8.8	-	-	-	-	-	-	
8.4	10.6	10.7	12.4	13.2	16.4	19.0	20.4	
-	-	-	-	-	14.4	16.4	18.4	
-	-	-	-	-	15.8	-	-	
6.9	8.2	-	-	-	-	-	-	
-	-	-	-	-	15.2	-	-	
8.6	10.8	11.8	13.4	14.5	15.9	17.4	18.9	
8.6	10.5	11.8	12.5	14.7	16.2	19.2	21.7	
-	-	-	-	-	15.7	18.0	19.6	
7.4	9.2	-	-	-	-	-	-	
7.2	9.0	-	-	-	-	-	-	
7.6	10.1	-	-	-	-	-	-	

1960.12 60	1965.11 65	1970.12 70	1976.01 76	1981.02 81	1986.01 86	1991.04 91
—	—	21.2	22.1	23.8	23.1	26.8
17.2	19.4	—	21.1	21.5	—	—
19.6	—	—	22.0	24.8	24.0	27.0
16.3	16.7	16.9	—	—	—	—
—	—	—	23.5	24.9	25.5	25.8
—	—	19.6	—	—	—	—
13.1	—	—	—	—	—	—
19.7	19.4	21.6	21.6	23.7	23.9	23.8
18.4	18.9	21.4	20.3	22.5	20.4	21.5
20.7	22.9	27.2	23.5	25.5	24.8	28.2
16.6	17.6	—	—	—	—	—
20.4	21.6	22.8	23.0	24.5	23.8	25.9
—	—	—	20.7	21.5	21.9	28.0
20.6	21.5	25.2	21.8	25.5	—	—
20.0	20.3	21.0	20.9	21.6	21.5	24.4
21.0	20.4	25.0	24.0	24.7	26.4	30.7
19.9	18.4	18.9	20.0	—	—	—
20.2	21.5	23.1	23.6	24.4	23.0	26.2
19.4	20.2	21.8	21.5	23.3	21.9	22.2
21.8	22.7	23.3	23.8	26.1	26.7	30.1
—	—	—	22.9	24.8	24.6	26.8
22.2	22.4	23.7	24.8	25.3	25.5	24.7
21.4	22.1	22.0	22.4	23.4	23.8	24.4
19.6	—	—	—	—	—	—
—	—	—	25.5	27.0	26.7	34.0
19.9	20.5	20.9	21.1	20.8	—	—
22.3	22.2	23.1	23.2	23.8	25.2	28.7
20.3	21.4	22.8	—	—	—	—
—	—	—	23.8	25.8	27.4	31.5