

Na bazi premera dela sastojine crnog bora u Lipovici, površine p= 0.1 ha i poznate starosti od 55 godina:

N	d[cm]	h [m]	ld [m]	r1 [m]	r2 [m]	r3 [m]	r4 [m]	B.P.	N	d[cm]	h [m]	ld [m]	r1 [m]	r2 [m]	r3 [m]	r4 [m]	B.P.
1	26.1							1	45	21.1							3
2	26.6							1	46	26.3			1.3	2	2.2	2.3	1
3	22.7			1.5	2.5	2	1.5	1	47	25.4	18	13.2	1.4	1.5	1.6	2.9	2
4	17.9							1	48	29.5	18.5	13.2	2.6	2.4	1.7	2.3	2
5	27.7			1.8	2.3	1.1	3.1	1	49	22.8	18.3	13.9					1
6	32.4	23.2		1.6	2.2	2.3	3.3	1	50	/							/
7	29.1	18						1	51	22.7							3
8	21.5							2	52	18.7							3
9	19							1	53	18.7							2
10	18.6							2	54	17.6							1
11	22.7							2	55	22.8							3
12	22.5							1	56	/							/
13	21.9							2	57	25.4							1
14	27.9							1	58	30.2	20.7	14.5	3	1.6	1.3	3.9	2
15	30.1	19.2	14	1.6	1.2	3.1	3.3	1	59	26			2.4	1.2	2	2.1	2
16	20							2	60	31.1	22.1	14.3	1.6	2.7	2.1	2.9	1
17	30.5	21.1		1.9	1.9	2.4	2.3	2	61	25.3	20.9	13.3	1.2	1.9	2.5	2.5	3
18	27.1	19.2	14.7	1.6	2.4	1.8	1.5	2	62	21.3			2.6	1.5	0.8	1.7	1
19	16.7	18.2	14.5					2	63	28.8	21.8	14	2.4	1.3	1.7	2.9	1
20	24.4			1.9	1.7	1.7	2	1	64	18.2							1
21	23							1	65	26	21.6	14					2
22	22							1	66	31	22.8	15.2	2.2	2	2.3	2.8	2
23	27.8			1.9	0.9	2.3	2.2	1	67	27.2	19.9	13	1.8	1.9	2.1	2.9	1
24	16							3	68	26.1	21.2	14.4					3
25	20.2							2	69	29.5	20.2	13.5					3
26	13							2	70	21.5	19.8	13.7					3
27	20							2	71	20.8	18.4	12.9					1
28	33.2	22.8		2	2.3	2.7	3.6	1	72	24.3	19.3	12.7	2	1.4	2.6	2.1	2
29	21.8							1	73	/							/
30	37.1	23.8						1	74	23.5	18.3	12.2					1
31	25	21.7	14.4					2	75	27.9	17.6						2
32	24.2	21.9	15					1	76	36	23.7						3
33	30.3	21.3	15					2	77	26.6							1
34	11.9	17.6	14.3					3	78	/							/
35	22.3							2	79	26.1							2
36	24.3							2	80	17.3							1
37	27.7							1	81	31.9	22.3		3	2.8	2	3.5	1
38	/							/	82	23.7							1
39	19	16.1	12.4					1	83	22.5							3
40	27.1			2.3	1.2	2.6	2.8	1	84	23.4							3
41	24.7			2.2	1.9	1.3	2.1	1	85	29.2	19		2.1	2	2.9	2.8	3
42	25.7			1.5	2	2.2	3.4	2	86	19.8	18.8	13					1
43	28.3	17.8		2.6	2.2	1.3	2.9	2	87	23.3			1.6	1.5	1.6	2.4	1
44	24.5			2.1	1.3	2.3	2.5	2	Suma	2004							

Odrediti i analizirati sledeće elemente rasta i sastojinske izgrađenosti i po potrebi ih grafički predstaviti:
1. Srednje prečnike i visine;

1.1. Aritmetički srednji prečnik:

$$\overline{d} = \frac{1}{n} \sum_1^n d =$$

1.2. Srednji prečnik po temeljnici:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50867.7}{n}} =$$

1.3. Srednji prečnik dominantnih stabala po temeljnici:

$$D_g = \sqrt{\frac{\sum_1^n D_{20\%}^2}{n_{20\%}}} =$$

1.4. Aritmetička srednja visina:

$$\overline{h} = \frac{1}{n} \sum_1^n h =$$

1.5. Srednja visina dominantnih stabala:

$$H_g = \sqrt{\frac{\sum_1^n H_{20\%}^2}{n_{20\%}}} =$$

1.6. Visinsku krivu i krivu visina početka krošnje:

redova 60x65 *kolona*

