

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	20.9							3
2	26.2							1	46	26			1.4	1.6	2.4	2	1
3	22.9			1.5	2.1	1.7	1.5	1	47	25.1	18.1	12.9	1.5	1.6	1.5	2.6	2
4	18.1							1	48	29.4	18.8	13.2	3.1	2.2	1.6	2.4	2
5	27.7			1.7	2.1	1.3	3.1	1	49	22.5	18.5	14.4					1
6	32.1	23.1		1.3	2.3	1.9	3.3	1	50	/							/
7	29.1	18						1	51	22.6							3
8	21.5							2	52	18.7							3
9	19							1	53	18.8							2
10	18.8							2	54	17.7							1
11	22.4							2	55	22.8							3
12	22.3							1	56	/							/
13	21.7							2	57	25.2							1
14	27.6							1	58	30.5	20.3	14.1	2.7	1.6	1.5	3.8	2
15	30	19	14.2	1.6	1.6	3.2	3.6	1	59	25.9			2.2	1.7	2.1	1.9	2
16	20							2	60	30.6	22.3	14.9	1.9	2.4	2.3	2.6	1
17	30.4	20.9		1.6	2.2	2.4	2.3	2	61	25.4	21	13.3	0.9	1.8	2.5	2.7	3
18	26.9	19.1	14.6	1.8	2.4	2	1.2	2	62	21.7			2.4	1.7	0.8	1.8	1
19	17.1	18.2	14.4					2	63	28.7	22.1	14	2.4	1.5	1.5	2.8	1
20	24.7			2.2	1.5	1.7	1.7	1	64	18							1
21	22.8							1	65	26.1	21.3	14.2					2
22	22.2							1	66	30.7	22.7	14.6	2.3	2.2	2.1	2.9	2
23	27.9			2.1	1	2.5	2.3	1	67	27	19.8	12.8	1.5	1.5	2.6	3.1	1
24	15.9							3	68	25.8	21.1	14.2					3
25	19.9							2	69	29.6	20.3	13.1					3
26	13.5							2	70	21.8	19.5	14					3
27	20.2							2	71	20.6	18.4	13.3					1
28	32.9	23.2		1.9	1.9	2.6	3.4	1	72	24.6	19.3	13.1	2	2.1	2.6	2.1	2
29	21.8							1	73	/							/
30	37.1	23.8						1	74	23.8	18.2	12					1
31	24.9	21.5	14.2					2	75	27.8	17.6						2
32	24.1	22.1	15					1	76	35.6	23.5						3
33	30.4	21.4	15					2	77	26.9							1
34	12.2	17.8	14.4					3	78	/							/
35	22.4							2	79	26.2							2
36	24.1							2	80	17.1							1
37	27.6							1	81	31.7	22.7		3	2.9	2	3.6	1
38	/							/	82	24.1							1
39	19	16.2	12.7					1	83	22.5							3
40	27.2			2.4	0.8	2.7	2.8	1	84	23.1							3
41	24.6			1.9	2	1.2	2.5	1	85	29.1	19.2		1.8	2	3	2.6	3
42	25.8			1.8	1.7	2.1	3.5	2	86	19.9	18.6	13					1
43	28.2	17.7		2.6	2.2	1.7	3.1	2	87	23.3			1.3	1.5	1.7	2.6	1
44	24.4			1.5	1.5	2.4	2.5	2	Suma	2001.5							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50683.77}{n}} =$$

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

