

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	45	21.1							3
2	26.4							1	46	26			1.3	1.7	2.5	2.3	1
3	22.8			1.6	2.3	1.9	1.5	1	47	25.6	17.9	13.2	1.4	1.5	1.5	2.4	2
4	18							1	48	29.3	18.4	13.2	3	2.3	1.6	1.9	2
5	27.9			2	1.9	1	3.4	1	49	22.4	18.5	14.2					1
6	32.3	23.6		1.1	2.4	1.9	3.3	1	50	/							/
7	29	18						1	51	22.8							3
8	21.5							2	52	18.7							3
9	18.8							1	53	18.9							2
10	18.7							2	54	17.7							1
11	22.9							2	55	22.7							3
12	22.7							1	56	/							/
13	21.7							2	57	25.4							1
14	27.7							1	58	30.7	20.5	14	3.1	2.1	1.8	3.9	2
15	29.8	19.4	14	1.8	1.5	3	3.3	1	59	25.8			2.6	1.3	1.9	2.3	2
16	20.3							2	60	30.7	22.2	14.5	1.8	2.4	2.1	2.8	1
17	30.8	20.7		1.9	1.8	2.5	2.5	2	61	25.3	21.1	13	1	1.9	2.4	2.9	3
18	27	18.8	14.6	1.8	2.1	2	1.7	2	62	21.5			2.4	1.7	0.6	1.6	1
19	17	18.3	14.6					2	63	28.7	22	14.3	2.5	1.3	1.7	2.8	1
20	24.7			2.1	1.7	1.9	1.8	1	64	18.1							1
21	23.1							1	65	26.2	21.3	14.3					2
22	21.9							1	66	31	23	14.8	2.3	2.1	2.2	3	2
23	27.6			2.1	1.4	2.3	2.2	1	67	27	20.1	13	1.8	1.5	2.3	3.1	1
24	15.7							3	68	25.9	21.3	14.6					3
25	19.8							2	69	29.2	20.2	13.2					3
26	13.3							2	70	21.8	19.7	13.9					3
27	19.9							2	71	20.6	18.1	12.9					1
28	33.1	23		1.8	2.3	2.7	3.6	1	72	24.6	19.1	13.1	2.2	1.6	2.6	2.1	2
29	21.7							1	73	/							/
30	36.7	24.1						1	74	24	18.1	12.1					1
31	25	21.8	14.4					2	75	28	17.5						2
32	24.2	21.8	14.8					1	76	35.7	23.5						3
33	30.4	21.4	14.9					2	77	26.9							1
34	12	17.3	14.3					3	78	/							/
35	22.4							2	79	26.4							2
36	24.2							2	80	17							1
37	27.8							1	81	32	22.5		3	2.5	1.9	3.7	1
38	/							/	82	23.9							1
39	19.3	16.1	12.6					1	83	22.3							3
40	27.1			2.6	1	2.8	3.1	1	84	23.4							3
41	24.8			1.4	2	1.2	2.3	1	85	29	19		1.7	2.1	3	2.7	3
42	25.8			1.6	1.8	1.7	3.5	2	86	19.9	18.9	12.9					1
43	28.5	18.1		2.7	2.3	1.4	3.3	2	87	23.3			1.4	1.7	1.6	2.5	1
44	24.5			1.7	1.5	2.2	2.8	2	Suma	2004.3							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50848.77}{n}} =$$

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

