

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	26.2							1	45	21.1							3
2	26.4							1	46	26			1.3	1.9	2.3	2.4	1
3	22.6			1.4	2.3	1.6	1.5	1	47	25.5	17.6	13.2	1.5	1.3	1.5	2.7	2
4	17.7							1	48	29.6	18.8	13.3	2.4	2	1.6	2.1	2
5	27.8			1.8	2.2	1.2	2.8	1	49	22.6	18.4	14					1
6	32.3	23		1.4	2.3	2.1	3.3	1	50	/							/
7	28.9	18.6						1	51	22.7							3
8	21.7							2	52	18.8							3
9	19.1							1	53	19.2							2
10	18.9							2	54	17.8							1
11	22.8							2	55	22.8							3
12	22.2							1	56	/							/
13	21.8							2	57	25.1							1
14	27.9							1	58	30.3	20.4	14.2	2.8	2	1.2	3.7	2
15	29.8	18.9	13.7	1.7	1.3	3	3.2	1	59	26			2.4	1.4	1.8	2.1	2
16	20.5							2	60	30.6	22.1	14.7	1.9	2.6	2	2.9	1
17	30.6	21		2.2	2.1	2.5	2.1	2	61	25.2	21.2	12.9	1.1	1.8	2.5	2.6	3
18	27.1	19.1	14.7	1.4	2	1.9	1.8	2	62	21.3			2.3	1.5	0.5	1.8	1
19	16.6	18.2	14.4					2	63	28.7	22.2	13.8	2.5	1.1	1.8	2.9	1
20	24.9			2.3	1.6	1.8	1.7	1	64	18.2							1
21	22.9							1	65	26	21.5	14.7					2
22	22							1	66	31	22.8	14.8	2.3	2.1	1.8	3	2
23	27.8			2.2	1	2.4	2.2	1	67	26.8	20	13.2	1.5	1.7	2.5	3.2	1
24	15.7							3	68	25.9	20.9	14.4					3
25	20							2	69	29.7	20.4	13					3
26	13.2							2	70	21.7	19.6	13.7					3
27	19.9							2	71	20.6	18.2	13.1					1
28	33.2	22.8		1.8	2.1	2.7	3.6	1	72	24.3	19.4	12.7	1.8	1.9	2.7	2	2
29	21.8							1	73	/							/
30	36.8	23.8						1	74	23.8	18.1	12.3					1
31	24.7	21.6	14.2					2	75	28.1	17.5						2
32	24.2	21.9	14.7					1	76	35.8	23.4						3
33	30.7	21.2	14.9					2	77	26.6							1
34	12.3	17.4	14.4					3	78	/							/
35	22.3							2	79	26.2							2
36	24.5							2	80	16.7							1
37	27.6							1	81	31.9	22.7		3	2.6	2	3.5	1
38	/							/	82	23.9							1
39	19.4	16.2	12.5					1	83	22.3							3
40	27.2			2.5	0.5	2.4	2.9	1	84	23							3
41	24.8			1.8	1.5	1.4	2.5	1	85	29.3	19		1.9	1.6	3	2.6	3
42	25.7			1.9	1.7	1.7	3.3	2	86	19.9	18.5	13.2					1
43	28.1	17.9		2.8	2.3	1.2	3.2	2	87	23.2			1.3	1.6	1.7	2.3	1
44	24.7			1.8	1.5	2.3	2.6	2	Suma	2003.5							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50811.47}{n}} =$$

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

