

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	25.8							1	45	21.1							3
2	26.4							1	46	26			1.3	1.8	2.5	2.1	1
3	22.4			1.5	2	1.9	1.4	1	47	25.4	18.1	13.1	1.6	1.8	1.5	3	2
4	18.1							1	48	29.5	18.7	13	2.7	2	1.6	2.1	2
5	27.7			1.7	2.3	1.3	3	1	49	22.7	18.3	14.3					1
6	32.3	23.2		1.3	2.1	1.9	3.3	1	50	/							/
7	29.1	18.1						1	51	22.6							3
8	21.6							2	52	18.8							3
9	19.1							1	53	18.9							2
10	18.8							2	54	17.8							1
11	23							2	55	22.6							3
12	22.3							1	56	/							/
13	22							2	57	25.3							1
14	27.8							1	58	30.6	20.2	14.2	2.6	2	1.2	3.7	2
15	30.1	19.1	14.1	2	1.4	2.8	3	1	59	26			2.7	1.8	1.8	2.4	2
16	20							2	60	30.9	22.2	14.5	1.8	2.5	2.3	2.9	1
17	30.5	20.9		2	2.1	2.6	2.3	2	61	24.8	21.2	13.2	1.2	1.8	2.2	2.3	3
18	27	18.9	14.5	1.8	2.2	2	1.8	2	62	21.4			2.5	1.5	0.5	1.7	1
19	16.9	18.2	14.4					2	63	29	22	14.2	2.6	1.7	1.8	3	1
20	24.9			2	1.4	1.8	1.6	1	64	18							1
21	22.7							1	65	26.2	21.2	14.9					2
22	21.8							1	66	30.9	22.8	14.9	1.9	2.1	1.9	2.9	2
23	27.6			2.2	1.3	2.4	2.2	1	67	26.8	19.9	12.7	1.5	1.9	2.1	3.1	1
24	15.9							3	68	26	20.9	14.7					3
25	20							2	69	29.5	20.2	13.3					3
26	13.3							2	70	21.5	19.6	13.7					3
27	19.9							2	71	20.6	18.2	13.1					1
28	33.5	23		1.9	1.9	2.5	3.4	1	72	24.4	19.4	13.2	2.2	1.7	2.6	1.9	2
29	21.7							1	73	/							/
30	37	23.8						1	74	23.8	18	12.3					1
31	24.9	21.7	14.2					2	75	27.8	17.6						2
32	24	21.8	14.8					1	76	36	23.5						3
33	30.3	21.4	15					2	77	26.7							1
34	11.9	17.7	14.4					3	78	/							/
35	22.2							2	79	26.3							2
36	24.1							2	80	17							1
37	27.7							1	81	31.7	22.5		2.9	2.5	2	3.7	1
38	/							/	82	23.9							1
39	19	16.4	12.7					1	83	22.2							3
40	27			2.3	0.8	2.3	2.7	1	84	22.8							3
41	24.7			2.1	1.8	1.3	2.6	1	85	29	19.1		2	2.1	3.1	2.7	3
42	25.7			1.5	1.9	1.9	3.5	2	86	20	18.7	13.3					1
43	28.3	17.7		2.8	2.1	1.4	3.3	2	87	23.3			1.6	1.1	1.8	2.4	1
44	24.8			1.6	1.6	2.5	2.6	2	Suma	2001.6							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50736.9}{n}} =$$

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

