

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	26.6							1	46	26.1			1.2	1.7	2.4	2.3	1
3	22.4			1.6	2.6	1.8	1.4	1	47	25.3	18.3	12.9	1.5	1.6	1.2	2.9	2
4	17.9							1	48	29.4	18.8	13.1	2.8	2.5	1.5	2	2
5	27.8			1.8	2	1	2.9	1	49	22.6	18	14.2					1
6	32.3	23.4		1.2	2.3	1.9	3.3	1	50	/							/
7	28.8	18.1						1	51	22.8							3
8	21.7							2	52	19							3
9	19.1							1	53	18.9							2
10	18.9							2	54	17.6							1
11	22.6							2	55	22.7							3
12	22.2							1	56	/							/
13	21.6							2	57	25.6							1
14	27.8							1	58	30.3	20.3	14.3	2.9	1.8	1.6	3.8	2
15	29.9	19.1	14	1.8	1.5	2.9	3.3	1	59	25.6			2.5	1.5	1.7	2.1	2
16	20.2							2	60	30.7	21.9	14.8	1.8	2.3	2.3	3	1
17	30.7	21.1		2	2.1	2.4	2.5	2	61	25	21.4	13.1	1.4	1.6	2.3	2.6	3
18	27	19.3	14.6	1.6	2.4	2	1.6	2	62	21.6			2.3	1.6	0.8	1.7	1
19	16.8	18	14.1					2	63	28.8	22.1	14	2.7	1.4	1.9	2.7	1
20	24.5			1.7	1.8	1.6	1.8	1	64	17.9							1
21	22.9							1	65	25.9	21.2	14.5					2
22	22							1	66	30.9	22.7	14.8	2.1	2.5	1.9	3.2	2
23	27.7			2	1.3	2.4	2.3	1	67	27.2	19.9	12.8	1.5	1.5	2.3	3.2	1
24	16							3	68	26.1	21	14.3					3
25	20.4							2	69	29.6	20	13.1					3
26	13.1							2	70	21.8	19.5	14					3
27	19.9							2	71	20.8	18.2	13					1
28	33.1	22.8		1.8	2	2.3	3.3	1	72	24.4	19.3	12.9	1.7	1.5	2.3	2	2
29	21.6							1	73	/							/
30	36.7	23.8						1	74	23.2	18.2	12.2					1
31	24.6	21.5	14.1					2	75	27.9	17.6						2
32	24.1	21.7	14.8					1	76	36	23.8						3
33	30.3	21.3	15					2	77	26.6							1
34	12.1	17.8	14.8					3	78	/							/
35	22.6							2	79	26.2							2
36	24.3							2	80	17							1
37	27.7							1	81	31.7	22.6		3	2.9	2	3.6	1
38	/							/	82	24.1							1
39	19.3	15.9	12.4					1	83	22.6							3
40	27.1			2.6	0.8	2.3	2.8	1	84	23.1							3
41	24.8			1.9	2	1.2	2.3	1	85	28.8	18.8		1.9	1.9	2.9	2.5	3
42	25.9			1.6	1.9	1.8	3.5	2	86	19.9	18.7	13.2					1
43	28.1	17.8		2.9	2	1.2	3.2	2	87	23.3			1.5	1.3	1.9	2.6	1
44	24.8			1.7	1.5	2.7	2.4	2	Suma	2002							

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:

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

1.2. Srednji prečnik po temeljnici:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50721.76}{n}} =$$

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:

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

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

