

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	26.3							1	45	20.9							3
2	26.8							1	46	26.1			1	1.9	2.5	2	1
3	22.7			1.6	2.4	1.8	1.7	1	47	25.4	17.8	13	1.5	1.7	1.5	2.8	2
4	17.9							1	48	29.7	19	13.2	2.9	2.5	1.7	2	2
5	27.5			1.4	2.3	1.1	3.1	1	49	22.4	18.1	14					1
6	32.3	23.3		1.5	2.5	2.2	3.3	1	50	/							/
7	29	17.8						1	51	22.9							3
8	21.7							2	52	18.8							3
9	19							1	53	19.1							2
10	18.6							2	54	17.8							1
11	22.7							2	55	22.8							3
12	22.4							1	56	/							/
13	21.8							2	57	25.6							1
14	27.8							1	58	30.5	20.5	14.4	2.6	2	1.3	3.8	2
15	30.1	19.1	13.8	1.8	1.5	3	3.3	1	59	25.9			2.5	1.7	1.9	2.1	2
16	19.9							2	60	30.6	22.4	14.5	1.6	2.4	2.5	2.8	1
17	30.4	20.8		1.8	1.8	2.2	2.5	2	61	24.8	21.4	12.8	1.2	2.1	2.3	2.6	3
18	27.3	19.1	14.5	1.6	2	2	1.5	2	62	21.2			2.3	1.4	0.8	1.5	1
19	16.8	18.1	14.5					2	63	28.6	22.3	14.3	2.5	1.2	1.9	3.1	1
20	24.5			2.1	1.8	1.9	1.8	1	64	17.7							1
21	22.9							1	65	26.1	21.4	14.5					2
22	22.1							1	66	31	22.6	14.7	2.1	2.3	2.2	3	2
23	27.7			2	1.4	2.6	2.3	1	67	26.8	20.1	12.9	1.6	1.4	2.4	3.3	1
24	15.8							3	68	25.9	21.3	14.4					3
25	20.1							2	69	29.6	20	13.4					3
26	13.4							2	70	21.4	19.4	13.8					3
27	19.8							2	71	20.5	18.3	12.7					1
28	33.1	22.9		1.8	2.2	2.6	3.6	1	72	24.4	19.5	12.9	2	1.6	2.9	1.8	2
29	21.6							1	73	/							/
30	36.9	24.2						1	74	23.6	18.2	12.5					1
31	24.7	21.5	14.2					2	75	28	17.6						2
32	24.1	21.9	15					1	76	36	23.5						3
33	30.5	21.3	15.1					2	77	26.4							1
34	12.1	17.5	14.7					3	78	/							/
35	22.6							2	79	26.4							2
36	24.2							2	80	17.1							1
37	27.7							1	81	31.9	22.8		2.9	2.8	1.9	3.5	1
38	/							/	82	23.7							1
39	19.3	16.2	12.9					1	83	22.3							3
40	27			2.4	0.9	2.4	3	1	84	23.1							3
41	24.8			2	1.8	1.6	2.4	1	85	29.2	19.1		1.7	2.1	3	2.7	3
42	25.9			1.8	1.8	1.9	3.5	2	86	19.8	18.6	13.1					1
43	28.3	17.7		3.1	2.3	1.3	3	2	87	23.4			1.4	1.2	1.7	2.7	1
44	24.4			1.8	1.7	2.4	2.6	2	Suma	2001.9							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50748.69}{n}} =$$

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

