

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							1	45	20.9							3
2	26.4							1	46	26			1	1.8	2.5	2.2	1
3	22.8			1.4	2.3	1.8	1.4	1	47	25.7	18.1	13.2	1.8	1.9	1.2	2.9	2
4	17.9							1	48	29.3	18.5	13.4	2.7	2.2	1.9	2.1	2
5	27.8			1.5	2.4	1.2	3.4	1	49	22.5	18.2	14.1					1
6	32.3	23.3		1.7	2.3	2.3	3.3	1	50	/							/
7	29.2	18.2						1	51	22.5							3
8	21.3							2	52	18.4							3
9	19.1							1	53	19							2
10	18.8							2	54	17.6							1
11	22.7							2	55	22.9							3
12	22.5							1	56	/							/
13	21.9							2	57	25.4							1
14	27.8							1	58	30.1	20.2	14.2	2.8	2	1.4	3.6	2
15	29.7	18.8	14	1.6	1.6	3.1	3.2	1	59	26			2.9	1.8	1.9	2.2	2
16	19.9							2	60	30.7	22	14.7	1.6	2.3	2.2	2.7	1
17	30.6	21.2		1.8	1.8	3	2.4	2	61	25.2	21	13.2	1.1	1.9	2.1	2.6	3
18	26.9	18.9	14.7	2	2.5	2.2	1.5	2	62	21.5			2.3	1.4	0.8	1.8	1
19	17	18.2	14.8					2	63	28.7	22.1	14.1	2.3	1.4	1.3	3	1
20	24.4			1.8	1.8	1.5	1.8	1	64	17.8							1
21	22.7							1	65	26.1	21.3	14.5					2
22	22.2							1	66	30.5	22.8	14.5	2.1	2.1	2.2	3.1	2
23	27.8			2	1.4	2.4	1.7	1	67	27.2	19.8	12.9	1.5	1.7	2.3	3.2	1
24	16.1							3	68	25.7	21.1	14.2					3
25	19.9							2	69	29.4	20.4	13.3					3
26	13.4							2	70	21.6	19.7	13.9					3
27	20.1							2	71	20.6	18.2	12.9					1
28	33.2	22.9		2.1	2.4	2.6	3.6	1	72	24.2	19.4	13	1.9	1.7	2.7	1.8	2
29	21.9							1	73	/							/
30	36.8	23.7						1	74	23.8	18.1	12.1					1
31	24.6	21.6	14.2					2	75	27.9	17.6						2
32	23.9	21.9	14.9					1	76	36	23.6						3
33	30.3	21.3	15					2	77	26.5							1
34	12.1	17.6	14.4					3	78	/							/
35	22.6							2	79	26.4							2
36	24.1							2	80	17							1
37	27.8							1	81	31.8	22.5		3.1	2.5	2	3.7	1
38	/							/	82	24.2							1
39	19.1	16	12.7					1	83	22.6							3
40	27.3			2.6	0.8	2.4	2.7	1	84	22.9							3
41	25.2			1.9	1.8	1.6	2.6	1	85	29	19.3		1.9	1.9	3.1	2.8	3
42	25.6			1.7	1.9	1.5	3.4	2	86	19.8	18.8	13.2					1
43	28.3	17.8		2.9	2.2	1.2	3.4	2	87	23.3			1.5	1.5	1.8	2.3	1
44	25.1			1.6	1.7	2.2	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:

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

1.2. Srednji prečnik po temeljnici:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50723.33}{n}} =$$

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

