

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	20.9							3
2	26.5							1	46	26.2			1.1	1.5	2.5	2.5	1
3	22.9			1.6	2.3	1.9	1.6	1	47	25.2	18	13.1	1.6	1.6	1.5	2.9	2
4	17.6							1	48	29.7	18.7	13.3	2.8	2.4	1.5	2.2	2
5	27.7			1.6	2.3	1.2	3	1	49	22.6	18.2	14					1
6	32.2	23.4		1.5	2.1	2.3	3.1	1	50	/							/
7	29.1	18.2						1	51	22.8							3
8	21.4							2	52	18.7							3
9	19.2							1	53	19							2
10	18.6							2	54	17.6							1
11	22.6							2	55	22.8							3
12	22.6							1	56	/							/
13	22.1							2	57	25.4							1
14	28							1	58	30.4	20.3	14.5	2.9	2	1.3	3.9	2
15	30.1	19.4	14	1.7	1.4	2.9	3.5	1	59	26			2.3	1.9	1.7	2.1	2
16	20.1							2	60	30.6	22.1	14.6	1.5	2.4	2	2.8	1
17	30.6	21.3		2	1.8	2.2	2.4	2	61	25.1	21.1	13	1.1	1.9	2.3	2.7	3
18	27.4	19.1	14.5	1.8	1.9	2	1.7	2	62	21.3			2.7	1.9	1.1	1.6	1
19	16.9	18.3	14.6					2	63	29.1	21.8	14	2.3	1.4	1.9	2.7	1
20	24.7			2.1	1.8	1.7	1.5	1	64	17.8							1
21	22.9							1	65	26	21.7	14.2					2
22	22.2							1	66	31.1	22.7	15	2.2	2.3	2.1	3.1	2
23	28.1			2.2	1.1	2.5	2.2	1	67	26.9	20	13.2	1.7	1.9	2.2	2.9	1
24	15.8							3	68	25.9	21	14.3					3
25	20.1							2	69	29.5	20.1	13.1					3
26	13							2	70	21.4	19.3	14					3
27	20.2							2	71	20.5	18.2	12.9					1
28	33.1	23.3		1.8	1.7	2.8	3.4	1	72	24.3	19.4	13.1	2.2	1.7	2.4	2	2
29	21.7							1	73	/							/
30	37	23.9						1	74	23.6	18.1	12					1
31	24.8	21.6	14					2	75	27.9	17.6						2
32	24.5	21.9	14.8					1	76	35.8	23.5						3
33	30.5	21.4	15					2	77	26.7							1
34	11.9	17.6	14.2					3	78	/							/
35	22.4							2	79	26.5							2
36	24.2							2	80	17							1
37	27.6							1	81	31.8	22.8		3.1	2.7	2.1	3.8	1
38	/							/	82	24							1
39	19.2	16.2	12.5					1	83	22.5							3
40	27.2			2.4	0.6	2.2	2.8	1	84	23							3
41	24.9			1.9	2	1.4	2.4	1	85	29.1	19.1		1.7	2	3	2.8	3
42	25.9			1.7	1.7	1.7	3.2	2	86	19.6	18.7	13.1					1
43	28.3	18		2.6	2.3	1.3	3.3	2	87	23.4			1.4	1.3	1.9	2.3	1
44	24.8			1.9	1.4	2.4	2.4	2	Suma	2004.3							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50886.33}{n}} =$$

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

