

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	21							3
2	26.7							1	46	26.3			1.2	2.1	2.4	2.2	1
3	22.7			1.4	2.1	1.7	1.7	1	47	25.3	18	13	1.3	1.6	1.5	2.8	2
4	18.2							1	48	29.5	18.6	13.3	2.5	2.4	1.7	2.3	2
5	27.9			1.8	2.1	1.2	3	1	49	22.5	18.4	14.1					1
6	32.4	23.2		1.4	2.1	2	3.5	1	50	/							/
7	29	18						1	51	22.7							3
8	21.9							2	52	18.6							3
9	18.7							1	53	18.8							2
10	19							2	54	17.6							1
11	22.5							2	55	22.6							3
12	22.4							1	56	/							/
13	21.7							2	57	25.7							1
14	27.7							1	58	30.6	20.5	14.3	2.9	1.8	1.5	4	2
15	30.1	19.1	14	1.6	1.5	2.7	3.1	1	59	26.2			2.4	1.5	1.7	2.1	2
16	20.2							2	60	31.1	22.3	14.3	1.8	2.6	2.1	2.8	1
17	30.5	20.9		2	2	2	2.3	2	61	25.1	21	12.9	1.5	1.6	2.4	2.3	3
18	27.2	19.1	14.6	1.7	2.5	1.9	1.5	2	62	21.4			2.2	1.4	0.7	1.7	1
19	16.9	18.3	14.2					2	63	28.8	21.9	14	2.3	1.4	1.8	2.8	1
20	24.6			1.9	1.7	1.8	2	1	64	18							1
21	22.6							1	65	26.2	21.5	14.3					2
22	22.3							1	66	31	22.5	14.8	2.5	1.9	1.9	2.8	2
23	27.6			2.4	1.1	2.2	2.3	1	67	26.9	20	13	1.9	1.4	2.4	3	1
24	16.1							3	68	25.6	21.1	14.2					3
25	20							2	69	29.5	20.1	13					3
26	12.9							2	70	21.7	19.6	14.1					3
27	19.9							2	71	20.5	18.1	12.8					1
28	33.4	23		1.8	1.9	2.5	3.6	1	72	24.2	19.4	13	2	1.8	2.7	2	2
29	22.1							1	73	/							/
30	37.1	24						1	74	23.8	18.2	12					1
31	24.9	21.7	14.4					2	75	28	17.5						2
32	24.1	21.9	15					1	76	35.6	23.6						3
33	30.4	21.5	15.1					2	77	26.7							1
34	12.3	17.7	14.5					3	78	/							/
35	22.5							2	79	26.3							2
36	24.4							2	80	16.8							1
37	27.9							1	81	31.8	22.5		2.9	2.8	1.9	3.8	1
38	/							/	82	24.2							1
39	19.6	16.3	12.6					1	83	22.3							3
40	27			2.6	0.6	2.4	2.9	1	84	23.3							3
41	24.7			2	2.3	1.7	2.4	1	85	29	19.1		1.8	1.7	3.2	2.7	3
42	25.5			1.5	1.9	1.9	3.3	2	86	19.9	19	13					1
43	28.4	17.7		2.4	2.1	1.6	3	2	87	23.4			1.4	1.4	1.7	2.3	1
44	24.9			1.6	1.5	2.3	2.8	2	Suma	2005.7							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50935.95}{n}} =$$

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

