

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	26.2							1	45	21							3
2	26.6							1	46	26.1			1.3	1.7	2.5	2	1
3	22.6			1.6	2.6	1.9	1.5	1	47	25.4	18.1	13.1	1.6	1.6	1.4	2.7	2
4	17.7							1	48	29.4	18.6	13.1	2.6	2.2	1.7	2.1	2
5	27.9			1.6	2.2	1.2	3.1	1	49	22.8	18.2	14.3					1
6	32.2	23.3		1.6	2.3	2	3.4	1	50	/							/
7	28.9	18.2						1	51	22.5							3
8	21.7							2	52	19							3
9	19							1	53	19							2
10	18.7							2	54	17.8							1
11	22.6							2	55	22.8							3
12	22.3							1	56	/							/
13	21.7							2	57	25.3							1
14	28							1	58	30.4	20.5	14.7	3	1.7	1.2	3.9	2
15	29.8	18.9	14	1.6	1.2	3	3.3	1	59	25.9			2.4	1.8	1.7	1.8	2
16	20.5							2	60	31	21.9	14.6	1.8	2.7	2.2	3	1
17	30.6	20.9		1.9	1.9	2.5	2.3	2	61	25.2	21.2	13.2	1.1	1.9	2.2	2.5	3
18	26.9	18.9	14.6	1.9	2.3	2.2	1.6	2	62	21.4			2.3	1.7	0.5	1.8	1
19	16.9	18.1	14.3					2	63	28.7	22	14	2.7	1.2	1.5	2.9	1
20	24.5			2.1	1.7	1.7	1.5	1	64	18							1
21	22.8							1	65	26	21.3	14.8					2
22	22							1	66	30.9	22.7	14.9	2.2	2.7	2.1	2.9	2
23	27.6			1.8	1.2	2.3	1.9	1	67	27	20.3	13.1	1.5	1.7	2.1	3.1	1
24	16							3	68	26.1	21.2	14.4					3
25	20							2	69	29.4	20.1	13.3					3
26	13.1							2	70	21.7	19.7	13.9					3
27	20							2	71	20.6	18	12.9					1
28	32.9	23.1		2.2	1.8	2.6	3.4	1	72	24.1	19.3	13.2	1.8	1.6	2.8	2.1	2
29	21.7							1	73	/							/
30	36.7	23.9						1	74	23.5	18.4	12.2					1
31	24.9	21.6	14.5					2	75	28	17.6						2
32	24.4	21.6	15.1					1	76	35.6	23.6						3
33	30.3	20.8	14.9					2	77	26.7							1
34	12.5	17.9	14.3					3	78	/							/
35	22.5							2	79	26.5							2
36	24.3							2	80	16.9							1
37	27.7							1	81	31.6	22.5		2.7	2.8	1.9	3.8	1
38	/							/	82	23.9							1
39	19.2	16.3	12.5					1	83	22.6							3
40	27			2.4	0.9	2.3	2.7	1	84	23.1							3
41	25			1.6	1.8	1.3	2.5	1	85	29.4	19.1		1.9	1.9	3	2.8	3
42	25.7			1.8	1.9	2	3.7	2	86	19.7	19	13					1
43	28.7	18.1		2.8	2.1	1.2	3.2	2	87	23.2			1.3	1.2	1.9	2.4	1
44	24.9			1.7	1.5	2.5	2.6	2	Suma	2003.4							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50785}{n}} =$$

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*

