

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	21.1							3
2	26.4							1	46	26.2			1.2	1.7	2.5	2	1
3	22.8			1.2	2.1	1.8	1.6	1	47	25.3	18.1	13.4	1.4	1.9	1.5	2.7	2
4	17.8							1	48	29.5	18.6	13.4	2.6	2.2	1.6	2	2
5	27.5			1.8	2.3	1.1	3.1	1	49	22.4	18.2	14.3					1
6	32.4	23.2		1.5	2.2	2.1	3.2	1	50	/							/
7	29	18.1						1	51	23							3
8	21.6							2	52	18.7							3
9	18.8							1	53	18.8							2
10	19							2	54	17.4							1
11	22.5							2	55	22.8							3
12	22.4							1	56	/							/
13	21.7							2	57	25.3							1
14	27.9							1	58	30.4	20.2	14.3	2.8	1.9	1.6	3.6	2
15	29.7	19	13.7	1.5	1.5	2.9	3.1	1	59	25.8			2.3	1.7	1.9	2.2	2
16	20.2							2	60	30.7	22.2	14.3	1.5	2.7	2.2	2.8	1
17	30.4	21.3		1.9	1.9	2.5	2.7	2	61	25.1	21.1	13.2	1.1	1.7	2.4	2.7	3
18	27.1	19	14.5	1.8	2.2	2	2	2	62	21.4			2.3	1.6	0.6	1.7	1
19	17.2	18.2	14.5					2	63	28.8	22	14	2.3	1.4	1.9	2.6	1
20	24.6			1.9	1.6	1.7	1.8	1	64	18.1							1
21	22.8							1	65	26	21.5	14.4					2
22	21.8							1	66	30.8	22.7	14.7	2.1	2.3	2.1	3	2
23	27.4			2.1	1.2	2.4	1.9	1	67	27	20.1	13	1.7	1.7	2.2	3.1	1
24	16.1							3	68	25.9	21.1	14.3					3
25	20.2							2	69	29.6	20.4	13.2					3
26	13.1							2	70	21.6	19.6	13.9					3
27	19.8							2	71	20.6	18.1	13.1					1
28	33.4	23.2		1.9	2	2.6	3.6	1	72	24.3	19	13.4	1.8	1.6	2.7	1.7	2
29	21.8							1	73	/							/
30	36.9	24						1	74	24	18	12.1					1
31	24.5	21.4	14.5					2	75	28.1	17.7						2
32	24.3	21.8	14.8					1	76	35.9	23.5						3
33	30.5	21.2	15					2	77	26.7							1
34	12.2	17.5	14.2					3	78	/							/
35	22.5							2	79	26.1							2
36	24.2							2	80	16.9							1
37	27.7							1	81	31.8	22.6		3	2.9	2.1	3.8	1
38	/							/	82	24							1
39	19.1	16.1	12.7					1	83	22.6							3
40	27.3			2.3	0.8	2.4	3	1	84	23.2							3
41	24.8			1.8	1.9	1.4	2.2	1	85	29.1	18.9		1.8	2	2.9	2.4	3
42	25.7			1.7	2	1.8	3.4	2	86	19.7	18.5	12.9					1
43	28.4	17.7		2.8	2.4	1.2	3.2	2	87	23.2			1.4	1.1	1.7	2.9	1
44	24.8			1.7	1.7	2.3	2.4	2	Suma	2002.5							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50767.15}{n}} =$$

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*

