

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	21							3
2	26.6							1	46	26.3			1.3	1.7	2.4	2.1	1
3	22.7			1.4	2.4	1.8	1.6	1	47	25.5	18	12.8	1.2	1.5	1.3	2.7	2
4	18							1	48	29.6	18.9	13.4	3	2.3	1.9	1.9	2
5	27.8			1.8	2.3	1.2	3.4	1	49	22.6	18.2	14.1					1
6	32.3	23.3		1.5	2.3	2	3.5	1	50	/							/
7	29.2	18.2						1	51	22.7							3
8	21.6							2	52	18.8							3
9	19							1	53	19							2
10	18.7							2	54	17.7							1
11	22.6							2	55	22.9							3
12	22.6							1	56	/							/
13	21.7							2	57	25.1							1
14	27.9							1	58	30.4	20.5	14.2	3	1.7	1.7	3.7	2
15	29.9	19.1	14.1	1.6	1.4	2.9	3.3	1	59	25.9			2.4	1.5	1.9	2.2	2
16	20.4							2	60	30.7	22.3	14.8	1.6	2.4	2	3	1
17	30.7	20.9		1.8	1.8	2.1	2.3	2	61	25.4	21.4	13.3	1.4	1.6	2.1	2.8	3
18	27.1	19.1	14.5	1.6	2.4	2.3	1.5	2	62	21.4			2.6	1.6	0.6	1.6	1
19	17	18.4	14.3					2	63	28.8	22.2	14.1	2.4	1.3	1.6	3	1
20	24.3			2	1.9	1.8	1.7	1	64	18.1							1
21	22.8							1	65	25.9	21.3	14.3					2
22	22							1	66	30.8	22.6	14.8	2.2	2.1	1.9	2.9	2
23	27.8			2.1	1.4	2.6	2.2	1	67	27	20	13.3	1.8	1.5	2.2	3.2	1
24	16.1							3	68	25.9	21.1	14.7					3
25	20							2	69	29.5	20.2	13.1					3
26	13.1							2	70	21.6	19.8	14					3
27	19.8							2	71	20.5	18.3	13.2					1
28	33.2	23.2		2.2	1.8	2.6	3.4	1	72	24.2	18.8	13	1.9	1.6	2.8	1.9	2
29	21.7							1	73	/							/
30	37	23.9						1	74	23.7	18.1	12.4					1
31	24.7	21.4	14.2					2	75	28.2	17.4						2
32	24.1	22	15					1	76	35.7	23.5						3
33	30.3	21.3	15.1					2	77	26.8							1
34	12.2	17.5	14.4					3	78	/							/
35	22.5							2	79	26.3							2
36	24.2							2	80	17.1							1
37	27.5							1	81	31.8	22.9		3	2.7	1.9	3.8	1
38	/							/	82	23.9							1
39	19	16.3	12.4					1	83	22.4							3
40	27.1			2.6	1.1	2.3	2.7	1	84	23.1							3
41	24.9			1.9	1.8	1.1	2.6	1	85	29.3	19.3		2.1	2	2.8	3.1	3
42	25.6			1.4	2.2	1.7	3.4	2	86	19.6	18.5	13.2					1
43	28.4	17.8		3	2.5	1.6	3.1	2	87	23.2			1.5	1.6	1.8	2.8	1
44	24.6			1.8	1.4	2.6	2.6	2	Suma	2003.2							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50800.96}{n}} =$$

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

