

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	25.8							1	45	21.1							3
2	26.7							1	46	26.1			1.3	1.7	2.5	2	1
3	22.9			1.4	2.1	1.8	1.9	1	47	25.6	18.1	12.8	1.4	1.5	1.5	2.6	2
4	18.1							1	48	29.4	18.4	13.4	2.9	2.2	1.7	2	2
5	27.9			1.8	2.2	1.2	3.1	1	49	22.7	18.2	14.4					1
6	32.4	23.4		1.6	2.5	2.1	3.5	1	50	/							/
7	28.9	17.9						1	51	22.7							3
8	21.5							2	52	18.8							3
9	19							1	53	19							2
10	18.9							2	54	17.9							1
11	22.6							2	55	22.9							3
12	22.9							1	56	/							/
13	21.9							2	57	25.5							1
14	27.8							1	58	30.3	20.6	14.4	3	1.7	1.6	3.7	2
15	30.1	19.2	14.1	1.8	1.6	2.6	3.2	1	59	25.8			2.5	1.8	1.5	2.1	2
16	20.4							2	60	30.9	22.1	14.4	1.8	2.4	2	3	1
17	30.2	20.8		1.9	2	2.4	2.1	2	61	25	21.2	13.3	1.1	1.8	2.5	2.8	3
18	27.2	19.3	14.3	1.6	2.2	2.1	1.6	2	62	21.2			2.3	1.7	0.9	1.8	1
19	16.9	18.4	14.5					2	63	28.9	22	13.9	2.4	1.5	1.9	3	1
20	24.5			2.1	1.6	1.6	1.4	1	64	18.3							1
21	22.8							1	65	26	21.3	14.6					2
22	22.1							1	66	30.9	22.9	14.6	2.1	2.4	2.2	2.9	2
23	27.8			2.3	1.3	2.5	2.3	1	67	26.9	20.3	12.8	1.6	1.8	2.4	3	1
24	16.1							3	68	25.9	21.1	14.5					3
25	20.2							2	69	29.6	20.1	13.3					3
26	13.2							2	70	21.8	19.8	13.7					3
27	20							2	71	20.6	18.1	13.1					1
28	33.2	23.1		2	2.2	2.6	3.8	1	72	24	19.2	13.2	2.1	1.8	2.5	1.9	2
29	21.7							1	73	/							/
30	36.9	23.6						1	74	23.8	18.5	12.1					1
31	24.8	21.7	14.3					2	75	28.2	17.6						2
32	24.1	21.9	15					1	76	35.7	23.7						3
33	30.5	21.3	14.9					2	77	26.8							1
34	12	17.3	14.4					3	78	/							/
35	22.3							2	79	26							2
36	24.2							2	80	16.7							1
37	27.7							1	81	31.7	22.6		2.8	2.8	2.1	3.7	1
38	/							/	82	23.9							1
39	19.3	16	12.6					1	83	22.5							3
40	27.1			3	0.8	2.4	2.6	1	84	23							3
41	24.7			1.9	1.9	1.6	2.5	1	85	29	19		1.9	2.1	3.2	2.7	3
42	26.1			1.7	1.7	1.9	3.6	2	86	20.1	18.5	13					1
43	28.4	17.7		2.6	2.4	1.3	3.2	2	87	23.1			1.6	1.7	1.8	2.6	1
44	24.7			1.8	1.4	2.6	2.6	2	Suma	2004.8							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50859.98}{n}} =$$

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

