

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	20.8							3
2	26.6							1	46	25.8			1.6	1.5	2.4	2	1
3	22.8			1.4	2.2	1.5	1.6	1	47	25.4	18	13	1.2	1.6	1.3	2.5	2
4	18.1							1	48	29.4	18.8	13.2	2.6	2	1.8	2.1	2
5	27.5			1.4	2.1	1.1	3	1	49	22.4	18.2	14.1					1
6	32.3	23.1		1.1	2.3	2	3.4	1	50	/							/
7	29.1	18.1						1	51	22.7							3
8	21.6							2	52	19							3
9	19.2							1	53	19.1							2
10	18.8							2	54	17.8							1
11	22.7							2	55	23.1							3
12	22.4							1	56	/							/
13	21.9							2	57	25.3							1
14	27.9							1	58	30.3	20.2	14.3	3	1.6	1.1	3.4	2
15	30.1	19.2	14.1	1.5	1.5	3.2	3.4	1	59	25.7			2.3	1.6	2	2	2
16	20.4							2	60	30.9	22.2	14.8	1.9	2.3	2.3	2.8	1
17	30.4	21.1		2.1	2.1	2.1	2.5	2	61	24.8	20.9	13.3	1.2	1.6	2.3	2.5	3
18	27	19.1	14.7	1.5	1.9	2	1.8	2	62	21.4			2.3	1.7	0.9	1.8	1
19	16.8	18.4	14.2					2	63	29	21.9	14.2	2.2	1.3	1.6	2.8	1
20	24.6			2.1	1.7	1.5	1.6	1	64	18							1
21	22.8							1	65	26	21.7	14.4					2
22	22.1							1	66	31.1	22.6	15	2.4	2.2	2	3	2
23	27.8			2.2	0.9	2.2	2.2	1	67	27.1	20.5	13	1.3	1.5	2.3	2.9	1
24	16							3	68	25.7	20.9	14.3					3
25	20.3							2	69	29.8	20.1	13					3
26	13.3							2	70	21.7	19.8	13.6					3
27	19.8							2	71	20.5	18.3	12.8					1
28	33	23		2.2	1.9	2.6	3.4	1	72	24.2	19.4	13.1	2	1.7	2.5	2.3	2
29	21.7							1	73	/							/
30	37.2	23.7						1	74	23.7	18.1	12					1
31	24.8	21.4	14.5					2	75	28.1	17.6						2
32	23.9	21.7	14.8					1	76	35.7	23.6						3
33	30.6	21.4	15.1					2	77	26.5							1
34	12.1	17.6	14.3					3	78	/							/
35	22.3							2	79	26.2							2
36	24.1							2	80	16.7							1
37	27.4							1	81	31.7	22.4		3	2.8	2	3.5	1
38	/							/	82	23.9							1
39	19.1	16.2	12.6					1	83	22.5							3
40	27			2.3	0.8	2.5	2.8	1	84	22.5							3
41	25			1.9	2.1	1.4	2.4	1	85	29.1	18.9		1.9	2	3.1	2.5	3
42	25.8			1.8	1.8	1.8	3.4	2	86	19.9	18.7	13.3					1
43	28.2	17.6		2.6	2.4	1.4	3.2	2	87	23.2			1.7	1.6	1.7	2.4	1
44	25.1			1.9	1.6	2.3	2.7	2	Suma	2002.1							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50741.41}{n}} =$$

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

