

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	26.3							1	46	25.8			1.4	1.9	2.7	2.4	1
3	22.9			1.4	2.5	1.5	1.2	1	47	25.3	17.9	12.8	1.8	1.7	1.2	2.5	2
4	17.9							1	48	29.5	18.7	13.3	2.7	2.4	1.5	2.1	2
5	27.6			2.1	2.3	1.1	2.8	1	49	22.5	18.1	14.2					1
6	32.2	23.2		1.3	2	2	3.2	1	50	/							/
7	28.9	18						1	51	22.9							3
8	21.7							2	52	18.7							3
9	19.1							1	53	19.1							2
10	18.8							2	54	17.7							1
11	22.7							2	55	22.6							3
12	22.1							1	56	/							/
13	22							2	57	25.4							1
14	27.8							1	58	30.2	20.4	14.3	3.1	1.8	1.7	3.8	2
15	29.9	18.9	14.2	1.7	1.9	3.2	3.1	1	59	25.8			2.2	1.7	2	2.2	2
16	20.3							2	60	30.8	22.3	14.8	1.6	2.4	2.2	2.7	1
17	30.3	20.8		1.7	2	2.5	2.4	2	61	25	21	13.1	1.1	1.9	2.4	2.6	3
18	27	19	14.5	1.8	2.2	2.1	1.8	2	62	21.1			2.5	1.6	0.8	1.7	1
19	16.9	18.1	14.5					2	63	28.6	22.2	14	2.3	1.5	1.7	2.9	1
20	24.3			2.1	2	1.8	1.7	1	64	18.1							1
21	22.8							1	65	26	21.4	14.5					2
22	22.1							1	66	30.9	22.6	14.8	2.4	2.2	2.1	2.9	2
23	27.7			2.3	1.3	2.4	2.2	1	67	27.3	20.1	13	1.4	1.7	1.9	2.9	1
24	15.8							3	68	25.7	21	14.2					3
25	19.9							2	69	29.3	20.2	13.2					3
26	13.2							2	70	21.6	19.5	13.9					3
27	20.1							2	71	20.3	18.2	12.7					1
28	33.4	22.9		2.2	2.2	2.7	3.8	1	72	24.5	19.1	13.2	1.8	1.7	2.6	2	2
29	21.7							1	73	/							/
30	36.6	23.7						1	74	23.9	18.2	12.3					1
31	25.1	21.6	14.5					2	75	27.6	17.8						2
32	24.3	21.9	15.2					1	76	35.8	23.5						3
33	30.6	21.1	14.9					2	77	26.6							1
34	12.3	17.6	14.6					3	78	/							/
35	22.3							2	79	26.4							2
36	24.2							2	80	16.9							1
37	27.7							1	81	31.6	22.7		2.6	2.5	2	3.9	1
38	/							/	82	23.9							1
39	19.5	16.1	12.6					1	83	22.6							3
40	27			2.1	1	2.4	2.7	1	84	23.5							3
41	24.8			2.1	1.7	1.4	2.3	1	85	29.2	19		2.1	1.9	3.1	2.8	3
42	25.8			1.7	2	1.8	3.6	2	86	19.8	18.6	12.9					1
43	28.2	17.6		2.5	2.5	1.4	3.3	2	87	22.8			1.2	1.2	1.7	2.6	1
44	24.6			1.9	1.5	2.7	2.9	2	Suma	2000.3							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50630.19}{n}} =$$

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

