

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	25.9							1	45	20.9							3
2	26.6							1	46	26.1			1.3	1.8	2.4	2.2	1
3	22.7			1.4	2	1.7	1.6	1	47	25.3	17.9	12.9	1.4	1.8	1.4	2.4	2
4	17.9							1	48	29.5	18.8	13	2.8	2	1.6	1.7	2
5	27.9			1.8	2	1.1	3	1	49	22.5	18.2	14.2					1
6	32.4	23.3		1.6	2.5	1.9	3.1	1	50	/							/
7	29.1	18						1	51	22.8							3
8	21.6							2	52	18.6							3
9	19							1	53	19							2
10	18.5							2	54	17.9							1
11	22.7							2	55	22.5							3
12	22.8							1	56	/							/
13	21.7							2	57	25.5							1
14	27.6							1	58	30.1	20.4	14.1	3.3	1.7	1.4	3.8	2
15	30.3	19.1	14.1	1.8	1.4	3	3.4	1	59	26			2.6	1.6	1.8	2.1	2
16	20.5							2	60	30.7	22.2	14.5	1.7	2.6	2.3	3.1	1
17	30.5	20.9		1.9	2.1	2.4	2.4	2	61	25.4	21.1	13.2	1.3	2	2.2	2.6	3
18	27	18.9	14.6	1.6	2.2	1.9	1.5	2	62	21.2			2.3	1.6	0.7	1.6	1
19	16.7	18.3	14.4					2	63	28.7	22	14	2.1	1.5	1.6	2.8	1
20	24.5			2.1	1.8	1.5	2.1	1	64	18							1
21	22.7							1	65	26.1	21.5	14.2					2
22	22.2							1	66	31.1	22.7	14.6	2.4	2	2	2.9	2
23	27.7			2.3	1.3	2.7	2.3	1	67	27.1	19.9	12.9	1.5	1.6	2.2	3	1
24	15.7							3	68	26.1	21.4	14.4					3
25	19.9							2	69	29.3	19.9	13.5					3
26	13.1							2	70	21.8	19.6	14					3
27	20.1							2	71	20.5	17.9	12.9					1
28	33.6	22.8		2	2.3	2.5	3.5	1	72	24.5	19.3	13.1	2.2	1.8	2.7	1.8	2
29	21.9							1	73	/							/
30	36.9	24.1						1	74	23.6	18	12.2					1
31	24.7	21.7	14.1					2	75	28.1	17.7						2
32	24	21.7	14.9					1	76	35.9	23.6						3
33	30.4	21.2	14.9					2	77	26.7							1
34	12.3	17.4	14					3	78	/							/
35	22.4							2	79	26.3							2
36	24.3							2	80	17							1
37	27.7							1	81	31.8	22.6		2.9	2.7	2.1	3.7	1
38	/							/	82	24.1							1
39	19.3	16.3	12.8					1	83	22.4							3
40	27			2.5	0.9	2.5	2.8	1	84	23.2							3
41	24.7			1.8	2	1.5	2.5	1	85	29.2	18.9		2.2	2.1	3	2.8	3
42	25.7			1.5	1.6	1.7	3.4	2	86	19.6	18.8	12.9					1
43	28.4	17.9		2.4	2.5	1.5	3.3	2	87	23.4			1.5	1.4	2	2.4	1
44	24.3			1.8	1.5	2.6	2.4	2	Suma	2003.4							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50826.04}{n}} =$$

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

