

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	26.3							1	45	21.1							3
2	26.5							1	46	26.1			1.4	1.8	2.5	2.2	1
3	22.7			1.5	2.4	1.7	1.5	1	47	25.5	18.1	12.8	1.6	1.5	1.3	2.8	2
4	17.6							1	48	29.6	18.7	13.3	2.7	2.1	1.7	2.2	2
5	27.8			1.7	2.3	1.3	2.7	1	49	22.3	18.3	14.1					1
6	32.2	23.5		1.2	2.3	2.1	3.1	1	50	/							/
7	28.8	18.3						1	51	22.5							3
8	21.4							2	52	18.6							3
9	19							1	53	19							2
10	18.9							2	54	17.5							1
11	22.3							2	55	22.8							3
12	22.6							1	56	/							/
13	21.7							2	57	25.4							1
14	27.7							1	58	30.4	20.6	14.3	2.8	1.8	1.3	3.7	2
15	30.1	19.2	14.2	1.7	1.5	2.7	3.2	1	59	26.1			2.4	1.6	1.9	2	2
16	20.5							2	60	30.7	22.1	14.7	1.9	2.3	2.2	2.8	1
17	30.6	21.3		2.1	1.9	2.5	2.5	2	61	25.2	21.1	13.1	1.2	2.1	2.4	2.5	3
18	27.2	18.7	14.5	1.4	2.3	2	1.6	2	62	21.3			2.2	1.4	0.6	1.9	1
19	16.5	18.2	14.1					2	63	28.8	22.2	14.1	2.3	1.4	1.4	2.8	1
20	24.6			2.3	1.6	1.4	1.8	1	64	18.2							1
21	22.8							1	65	26.1	21.4	14.6					2
22	22							1	66	31.1	22.5	14.9	2.1	2.2	2	2.9	2
23	27.8			2.1	0.9	2.4	2	1	67	26.9	20	13	1.6	1.7	2	3.4	1
24	16							3	68	26	21	14.5					3
25	20.1							2	69	29.2	20.3	13.1					3
26	13.2							2	70	21.4	19.5	14					3
27	20							2	71	20.8	18.4	13					1
28	33	23.1		1.7	1.9	2.8	3.4	1	72	24.5	19.5	13.2	1.8	1.5	2.9	2.1	2
29	21.5							1	73	/							/
30	36.5	23.7						1	74	23.5	18.2	12.2					1
31	24.9	21.9	14.4					2	75	27.6	17.5						2
32	24.1	21.8	15					1	76	35.7	23.7						3
33	30.4	21.2	15.1					2	77	26.8							1
34	12.2	17.4	14.2					3	78	/							/
35	22.5							2	79	26.4							2
36	24.2							2	80	17.2							1
37	27.7							1	81	31.9	22.5		2.8	2.7	2.2	3.7	1
38	/							/	82	24							1
39	19	16.3	12.6					1	83	22.6							3
40	27.2			2.4	0.7	2.3	2.7	1	84	23							3
41	25			1.7	1.6	1.3	2.7	1	85	29.1	19.1		2	1.9	2.7	2.6	3
42	25.8			1.7	1.8	1.8	3.2	2	86	20.1	18.7	13.1					1
43	28.5	17.6		2.6	2.3	1.6	3.4	2	87	23.5			1.6	1.3	1.8	2.2	1
44	24.9			1.5	1.3	2.5	2.6	2	Suma	2002.8							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50770.9}{n}} =$$

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

