

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	26.1							1	45	20.9							3
2	26.7							1	46	26			1	1.8	2.3	2.1	1
3	22.6			1.7	2.5	2	1.5	1	47	25.4	17.8	13	1.4	1.5	1.4	2.7	2
4	17.6							1	48	29.6	18.7	13.5	3.1	2.3	2	2.1	2
5	27.8			1.6	2.1	1.3	3.1	1	49	22.5	18.2	14.1					1
6	32.2	23.2		1.1	2.3	2.1	3.2	1	50	/							/
7	29.1	18						1	51	22.4							3
8	21.5							2	52	18.8							3
9	19.1							1	53	19.2							2
10	18.5							2	54	17.9							1
11	22.8							2	55	22.7							3
12	22.3							1	56	/							/
13	21.8							2	57	25.5							1
14	27.6							1	58	30.4	20.5	14.4	2.8	1.6	1.1	3.7	2
15	29.7	19.1	13.6	1.6	1.5	3	3.3	1	59	25.7			2.2	1.6	1.8	2.1	2
16	20.2							2	60	31.1	22.2	14.6	1.7	2.6	2.1	2.8	1
17	30.4	20.9		1.9	2	2.4	2.2	2	61	25	20.9	13.2	1.4	1.8	2.4	2.4	3
18	27.3	19.1	14.6	1.5	2.2	1.9	1.3	2	62	21.4			2.4	1.6	0.9	1.6	1
19	17	18.5	14.5					2	63	28.8	22.1	14.2	2.5	1.5	1.7	2.7	1
20	24.9			2.3	1.9	1.7	1.7	1	64	18.1							1
21	23.2							1	65	26.2	21.4	14.6					2
22	21.9							1	66	31.3	23.1	15	2.4	2.2	2.1	3.1	2
23	27.6			2.1	1.2	2.3	2	1	67	27.2	20.1	13.1	1.8	1.7	1.9	3	1
24	16.2							3	68	25.7	21.2	14.5					3
25	20.2							2	69	29.3	20.1	13.3					3
26	13.2							2	70	21.7	19.7	13.7					3
27	19.8							2	71	20.7	18.5	12.9					1
28	33.5	22.9		2.2	2.1	2.4	3.4	1	72	24.4	19.4	12.9	2.2	1.6	3	1.7	2
29	22							1	73	/							/
30	37	23.8						1	74	23.5	18.1	12					1
31	24.8	21.7	14.4					2	75	28	17.6						2
32	24.3	21.9	15.1					1	76	35.9	23.6						3
33	30.5	21.2	14.9					2	77	26.8							1
34	12.3	17.4	14.6					3	78	/							/
35	22.5							2	79	26.3							2
36	24.1							2	80	16.8							1
37	27.5							1	81	31.9	22.6		3	2.7	2	3.5	1
38	/							/	82	24							1
39	19.1	16	12.6					1	83	22.5							3
40	27.2			2.5	0.7	2.5	3	1	84	23							3
41	24.8			1.6	2.4	1.4	2.7	1	85	29.1	19		1.9	2	3	2.8	3
42	25.8			1.6	1.8	1.9	3.4	2	86	19.8	18.2	13.1					1
43	28.1	17.9		2.8	2.3	1.6	3.2	2	87	23.1			1.6	1.8	1.8	2.5	1
44	24.9			1.8	1.4	2.6	2.5	2	Suma	2004.3							

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:

$$\bar{d} = \frac{1}{n} \sum_1^n d =$$

1.2. Srednji prečnik po temeljnici:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50860.37}{n}} =$$

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:

$$\bar{h} = \frac{1}{n} \sum_1^n h =$$

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

