

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	26.2							1	45	21.3							3
2	26.4							1	46	26			1.1	1.6	2.3	2.2	1
3	22.5			1.6	2.3	1.8	1.5	1	47	25.2	18.2	13.1	1.4	1.9	1.8	2.7	2
4	17.9							1	48	29.3	18.7	13.3	3	2.3	1.5	2.2	2
5	27.8			1.7	1.9	1.3	3.1	1	49	22.7	18.3	14.4					1
6	32.5	23.3		1.3	2.2	2.1	3.5	1	50	/							/
7	29	17.9						1	51	22.8							3
8	21.7							2	52	18.9							3
9	19							1	53	19							2
10	18.9							2	54	17.6							1
11	22.7							2	55	22.6							3
12	22.5							1	56	/							/
13	22							2	57	25.5							1
14	27.6							1	58	30.5	20.7	14.3	3.2	1.9	1.6	3.9	2
15	30	19.1	14	1.9	1.2	3	3.7	1	59	26			2.5	1.5	1.7	2.2	2
16	20.3							2	60	31	22.1	14.7	1.7	2.5	2.1	3.2	1
17	30.4	20.9		2.1	2	2.3	2.8	2	61	25.2	21	13.2	1.1	2.1	2.5	2.6	3
18	27.1	18.8	14.4	1.4	2.4	2	1.8	2	62	21.7			2.4	1.5	0.6	1.7	1
19	16.9	18.3	14.5					2	63	28.9	22.3	13.9	2.3	1.5	1.6	2.8	1
20	24.9			1.8	1.7	1.6	1.6	1	64	18.2							1
21	22.9							1	65	26	21.6	14.4					2
22	22							1	66	30.9	22.8	14.7	2	2.1	2.1	3.2	2
23	27.7			1.9	1.4	2.2	2.1	1	67	27.4	20.2	12.8	1.5	1.5	2.2	3.1	1
24	16							3	68	26.3	21.1	14.4					3
25	20							2	69	29.8	20.4	13.3					3
26	13.1							2	70	21.9	19.8	14.2					3
27	20.2							2	71	20.7	18.3	13					1
28	33.2	23		1.8	2.4	2.6	3.3	1	72	24.2	19.4	13.1	2	1.6	2.6	1.9	2
29	21.6							1	73	/							/
30	37	23.9						1	74	23.9	17.9	12.3					1
31	24.7	21.6	14.1					2	75	28	17.9						2
32	24.7	21.8	15					1	76	35.8	23.6						3
33	30.7	21.3	15.1					2	77	26.5							1
34	12.3	17.7	14.3					3	78	/							/
35	22.4							2	79	26.5							2
36	24							2	80	16.7							1
37	27.9							1	81	31.7	22.6		3.2	2.6	1.8	3.6	1
38	/							/	82	24.1							1
39	19.4	16.1	12.6					1	83	22.4							3
40	27			2.5	0.7	2.4	3.2	1	84	23.2							3
41	25			1.7	1.8	1.6	2.7	1	85	29.4	19.1		1.8	2.1	3.2	2.9	3
42	25.5			1.9	1.4	1.8	3.4	2	86	19.9	18.6	13.1					1
43	28.4	17.8		2.7	2.3	1.6	3.1	2	87	23.4			1.5	1.5	1.6	2.6	1
44	24.4			1.5	1.9	2.3	2.6	2	Suma	2007.5							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 51010.51}{n}} =$$

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

