

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	45	21							3
2	26.6							1	46	26.2			1.3	1.8	2.2	1.9	1
3	22.9			1.5	2.1	1.7	1.3	1	47	25.5	18	13.2	1.3	1.7	1.4	2.5	2
4	18.1							1	48	29.5	18.7	13.5	2.7	2.3	1.7	1.9	2
5	27.5			1.6	1.8	1.4	2.9	1	49	22.7	18.4	13.9					1
6	32.1	23.5		1.3	2.4	1.8	3.2	1	50	/							/
7	28.8	18.4						1	51	22.9							3
8	21.7							2	52	18.8							3
9	18.9							1	53	19							2
10	18.7							2	54	17.5							1
11	22.4							2	55	23							3
12	22.6							1	56	/							/
13	21.9							2	57	25.4							1
14	28.1							1	58	30.5	20.4	14.2	2.9	1.7	1.4	3.4	2
15	30.1	19.2	14	1.7	1.7	2.9	3.3	1	59	25.7			2.4	1.4	2	2.3	2
16	20.2							2	60	30.9	22	14.5	1.8	2.5	1.9	3	1
17	30.7	21.3		2.1	2.3	2.2	2.6	2	61	25	21.1	13	1.2	2.1	2.1	2.9	3
18	27.2	18.9	14.5	1.4	2.2	2.1	1.5	2	62	21.8			2.4	1.7	0.8	1.7	1
19	16.9	18.2	14.1					2	63	28.6	22.1	14.2	2.3	1	1.9	2.8	1
20	24.5			2.1	1.5	1.2	1.9	1	64	18.1							1
21	23							1	65	26.1	21.3	14.6					2
22	22.1							1	66	31	22.8	14.8	2	2.2	1.9	3	2
23	28			2.1	1.2	2.3	2.1	1	67	26.9	19.8	13	1.8	1.9	2.3	3.2	1
24	15.9							3	68	25.9	20.9	14.2					3
25	20.3							2	69	29.2	20.1	13.3					3
26	13.1							2	70	21.7	19.7	14					3
27	19.7							2	71	20.8	18.6	12.9					1
28	33.1	22.8		1.8	2	2.7	3.7	1	72	24.4	19.4	13.4	2	1.8	3	1.9	2
29	21.6							1	73	/							/
30	36.8	23.9						1	74	23.9	17.9	12.1					1
31	24.8	21.4	14.6					2	75	28.1	17.4						2
32	24.1	22.1	14.7					1	76	36.1	23.6						3
33	30.2	21.1	15					2	77	26.8							1
34	12.2	17.5	14.7					3	78	/							/
35	22.3							2	79	26.4							2
36	24.3							2	80	17							1
37	27.7							1	81	31.8	22.5		3	2.7	1.6	3.6	1
38	/							/	82	23.9							1
39	19	16.1	12.6					1	83	22.3							3
40	27			2.7	1.4	2.3	2.7	1	84	23.1							3
41	24.7			2	2.2	1.6	2.4	1	85	29	19		2.1	2.1	3	2.7	3
42	25.7			1.3	1.8	2.1	3.5	2	86	20.3	18.8	13.1					1
43	28.2	17.7		2.8	2.3	1.5	3.2	2	87	23.2			1.5	1.3	1.9	2.6	1
44	24.7			1.6	1.6	2.6	2.5	2	Suma	2004.4							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50848.5}{n}} =$$

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

