

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	21.3							3
2	26.3							1	46	26.1			1.1	1.9	2.2	2.1	1
3	23			1.5	2.4	1.8	1.4	1	47	25.4	18	13	1.6	1.7	1.3	2.6	2
4	18							1	48	29.9	18.4	13.5	2.9	2.1	1.7	1.9	2
5	27.9			1.7	1.9	1.2	2.8	1	49	22.6	18.2	14					1
6	32.1	23.5		1.4	2.3	2	3.7	1	50	/							/
7	29	18.4						1	51	22.7							3
8	21.6							2	52	19							3
9	18.8							1	53	19.3							2
10	18.8							2	54	17.7							1
11	22.7							2	55	22.6							3
12	22.3							1	56	/							/
13	22.1							2	57	25.3							1
14	27.8							1	58	30.5	20.3	14.3	3	1.7	1.2	3.8	2
15	29.9	18.8	14.2	1.6	1.5	2.7	3.4	1	59	25.8			2.1	1.6	1.8	2	2
16	20.4							2	60	31	22	14.6	2	2.5	2.3	2.8	1
17	30.2	21		1.9	2.1	2.3	2.4	2	61	25	21.3	13.2	1.2	1.8	2.6	2.5	3
18	27.1	18.8	14.5	1.7	2.1	1.9	1.5	2	62	21.5			2.4	1.8	0.8	1.4	1
19	16.8	18.5	14.3					2	63	28.7	22	13.8	2.6	1.5	1.6	2.7	1
20	24.4			2.3	2	1.5	1.7	1	64	18.1							1
21	22.9							1	65	26.1	21.5	14.3					2
22	22.1							1	66	30.8	22.9	14.7	2.2	2.3	1.7	3.1	2
23	27.6			2	1.3	2.3	2.4	1	67	27.4	19.9	12.9	1.8	1.7	2.2	2.9	1
24	15.9							3	68	26.3	21.1	14.3					3
25	20.2							2	69	29.6	20.4	13.2					3
26	13.2							2	70	21.5	19.4	13.9					3
27	20							2	71	20.9	18.2	13					1
28	33.1	22.9		2	2.5	2.6	3.5	1	72	24.3	19.3	13	2.1	2	2.7	2.2	2
29	21.7							1	73	/							/
30	36.9	23.8						1	74	23.7	18	12.4					1
31	24.7	21.6	14.2					2	75	28.1	17.4						2
32	24.4	21.7	14.8					1	76	35.6	23.7						3
33	30.6	21.2	15.2					2	77	26.6							1
34	12.1	17.4	14.5					3	78	/							/
35	22.3							2	79	26.3							2
36	24.3							2	80	17							1
37	27.7							1	81	32	22.3		3	3	1.9	3.6	1
38	/							/	82	24.2							1
39	19.1	16.5	12.7					1	83	22.4							3
40	26.7			2.3	0.9	2.3	2.9	1	84	23.3							3
41	24.8			1.8	1.9	1.3	2.6	1	85	28.8	19.2		1.9	2.1	3.2	2.9	3
42	25.7			1.7	1.9	1.9	3.2	2	86	19.9	18.9	13.3					1
43	28	17.7		2.5	2.4	1.1	3.2	2	87	23.3			1.3	1.3	1.8	2.4	1
44	24.6			1.7	1.5	2.4	2.7	2	Suma	2004.5							

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:

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

1.2. Srednji prečnik po temeljnici:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50841.41}{n}} =$$

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

