

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	26.5							1	46	26.1			1.3	2.1	2.5	2.2	1
3	22.8			1.8	2.2	1.6	1.6	1	47	25.4	18.2	13	1.3	1.6	1.5	2.6	2
4	18							1	48	29.5	18.9	13.2	2.8	2.2	1.9	2.2	2
5	27.7			1.7	2.2	1.4	2.9	1	49	22.8	18.1	14.4					1
6	32.4	23.1		1.5	2.1	2	3.3	1	50	/							/
7	29.2	18.1						1	51	22.8							3
8	21.5							2	52	18.6							3
9	19.1							1	53	19.1							2
10	18.9							2	54	17.9							1
11	22.6							2	55	22.7							3
12	22.4							1	56	/							/
13	21.6							2	57	25.4							1
14	27.8							1	58	30.3	20.3	14.3	2.8	1.8	1.3	3.5	2
15	29.9	19.2	13.8	1.7	1.5	2.9	3.5	1	59	25.8			2.5	1.5	1.6	2	2
16	20.2							2	60	30.9	22.1	14.5	1.9	2.7	2.1	2.7	1
17	30.8	21		2.1	2	2.5	2.2	2	61	25.3	21.3	13	1.1	2	2.2	2.9	3
18	26.9	19.1	14.5	1.5	2.4	2.2	1.6	2	62	21.3			2.6	1.6	0.7	1.7	1
19	16.8	18.3	14.4					2	63	28.8	21.9	14.2	2.5	1.3	1.7	2.8	1
20	24.6			1.9	1.7	1.9	1.6	1	64	17.9							1
21	22.6							1	65	26.1	21.5	14.7					2
22	22.1							1	66	30.9	22.5	14.8	2.3	2.3	2.3	2.9	2
23	27.9			2.2	1.3	2.4	2	1	67	27.2	20.3	13.2	1.6	1.7	2.3	3.1	1
24	16							3	68	25.9	21.3	14.2					3
25	19.9							2	69	29.7	20.2	12.9					3
26	13.1							2	70	21.6	19.7	13.6					3
27	20							2	71	20.7	18.1	12.9					1
28	33	23		2.1	1.9	2.5	3.5	1	72	24.1	19.4	13.2	2.3	1.9	2.5	2.2	2
29	22							1	73	/							/
30	36.9	24						1	74	23.5	18	12.1					1
31	24.8	21.5	14.3					2	75	28	17.5						2
32	24.2	21.9	14.5					1	76	35.7	23.8						3
33	30.2	21	15					2	77	26.5							1
34	11.8	17.4	14.3					3	78	/							/
35	22.5							2	79	26							2
36	24.2							2	80	16.8							1
37	27.5							1	81	31.9	22.4		2.8	2.6	2	3.9	1
38	/							/	82	23.8							1
39	19.3	16.3	12.7					1	83	22.5							3
40	27.2			2.3	0.9	2.5	2.7	1	84	23.2							3
41	24.9			1.7	1.9	1.2	2.7	1	85	28.9	19.1		2	1.9	2.8	2.9	3
42	25.7			1.4	1.7	1.7	3.5	2	86	20	18.5	12.5					1
43	28.3	18.1		2.8	2	1.4	3.4	2	87	23			1.3	1.2	1.4	2.6	1
44	24.8			1.8	1.6	2.3	2.8	2	Suma	2002.2							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50755.06}{n}} =$$

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

