



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	26.3							1	46	26.2			1.2	1.6	2.6	2.3	1
3	22.7			1.6	2.4	1.6	1.4	1	47	25.3	17.9	12.8	1.4	1.7	1.5	2.6	2
4	17.8							1	48	29.6	18.4	13.2	2.8	2.2	1.7	2.2	2
5	27.7			1.6	2.2	1.1	2.8	1	49	22.6	18.2	13.9					1
6	32.3	23.3		1.6	2.2	2.1	3.3	1	50	/							/
7	29.2	18.1						1	51	22.6							3
8	21.8							2	52	18.9							3
9	19.2							1	53	19.2							2
10	18.8							2	54	17.5							1
11	22.7							2	55	22.6							3
12	22.4							1	56	/							/
13	21.8							2	57	25.1							1
14	27.8							1	58	30.4	20.2	14.3	2.8	1.8	1.5	3.7	2
15	30.1	19	13.9	1.3	1.5	3	3.3	1	59	25.8			2.3	1.6	1.8	2.2	2
16	20.1							2	60	30.8	22.2	14.6	1.7	2.5	2.1	2.9	1
17	30.6	21.1		2	2.1	2.3	2.5	2	61	25	21	13.1	1.2	1.6	2.3	2.5	3
18	27	19.1	14.5	1.8	2.3	2.2	1.9	2	62	21.5			2.4	1.7	0.8	1.8	1
19	16.7	18.1	14.4					2	63	28.9	22	14	2.5	1.3	1.8	2.7	1
20	24.6			2.1	1.3	2.1	1.8	1	64	17.8							1
21	23							1	65	26	21.4	14.4					2
22	22							1	66	30.9	22.6	14.7	2.2	2.5	1.9	2.7	2
23	27.6			2.1	1.3	2.4	1.9	1	67	27	19.8	12.8	1.6	1.7	2	3.1	1
24	16.1							3	68	26	21	14.7					3
25	20.2							2	69	29.4	20.4	13.2					3
26	13.2							2	70	21.4	19.5	14.1					3
27	19.9							2	71	20.6	18.2	12.9					1
28	33.2	22.8		2.1	2.3	2.7	3.8	1	72	24.3	19.4	13.1	2.2	1.7	2.6	1.9	2
29	21.8							1	73	/							/
30	36.7	23.8						1	74	23.6	18.1	12					1
31	24.8	21.7	14.1					2	75	27.8	17.5						2
32	24	21.9	15.1					1	76	35.8	23.5						3
33	30.2	21.3	14.8					2	77	26.9							1
34	12.2	17.6	14.6					3	78	/							/
35	22.6							2	79	26.4							2
36	24.1							2	80	16.8							1
37	27.7							1	81	32	22.7		2.7	2.9	2	3.7	1
38	/							/	82	23.9							1
39	19	16.4	12.5					1	83	22.3							3
40	27.1			2.5	0.6	2.4	3	1	84	23							3
41	24.7			1.7	1.9	1.4	2.3	1	85	29	19		1.8	2	2.8	2.6	3
42	25.9			1.8	1.6	2	3.3	2	86	20.1	18.8	12.8					1
43	28.2	17.8		2.6	2.3	1.6	3.3	2	87	23.3			1.5	1.4	1.8	2.3	1
44	24.5			1.7	1.4	2.4	2.7	2	Suma	2001.6							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50716.58}{n}} =$$

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

