

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	25.8							1	45	20.9							3
2	26.6							1	46	26.3			1.4	1.8	2.4	2.3	1
3	23			1.7	2.1	1.8	1.5	1	47	25.3	17.8	13	1.4	1.9	1.2	2.7	2
4	18.1							1	48	29.7	18.6	13.1	3	2.3	1.7	2	2
5	27.8			1.5	2.2	1.1	3.4	1	49	22.6	18.1	14.3					1
6	32.3	23.5		1.3	2.4	2.4	3.4	1	50	/							/
7	28.9	18.2						1	51	22.5							3
8	21.4							2	52	18.8							3
9	18.9							1	53	18.7							2
10	18.9							2	54	17.7							1
11	22.5							2	55	22.8							3
12	22.4							1	56	/							/
13	21.9							2	57	25.6							1
14	27.8							1	58	30.3	20.6	14.4	3	1.8	1.6	3.9	2
15	30.1	19.1	13.5	2	1.4	3.1	3.4	1	59	25.6			2.5	1.7	1.7	1.9	2
16	20.2							2	60	30.7	21.9	14.6	2	2.6	2.1	2.6	1
17	30.6	21		2.1	2	2.1	2.4	2	61	25.1	21	13.3	1.4	1.9	2	2.7	3
18	27.2	18.9	14.7	1.8	2.3	1.9	1.6	2	62	21.5			2.4	1.5	0.7	1.6	1
19	17.2	18.2	14.3					2	63	28.8	22	14.1	2.6	1.3	1.8	2.6	1
20	24.5			2	1.4	1.5	1.6	1	64	18.2							1
21	23.1							1	65	26.4	21.4	14.3					2
22	22							1	66	31.1	22.7	14.9	2.1	2.3	2.1	3	2
23	27.5			2.3	1.1	2.3	2.1	1	67	26.8	20.2	13.1	1.7	1.7	2.2	3.1	1
24	16.1							3	68	26	21.3	14.3					3
25	20.3							2	69	29.2	20.2	13.3					3
26	13.3							2	70	21.8	19.4	13.8					3
27	20.1							2	71	20.8	18.3	12.9					1
28	33.3	22.8		2	2.1	2.5	3.4	1	72	24.6	19.4	13.1	2.1	1.8	2.6	2.1	2
29	21.9							1	73	/							/
30	36.9	23.9						1	74	23.6	18.2	12.2					1
31	24.9	21.3	14					2	75	28	17.9						2
32	24.3	21.7	14.9					1	76	35.7	23.5						3
33	30.5	21.1	14.9					2	77	26.9							1
34	12.5	17.3	14.6					3	78	/							/
35	22.4							2	79	26.5							2
36	24.2							2	80	16.7							1
37	27.4							1	81	31.9	22.4		3	2.6	2.2	3.7	1
38	/							/	82	24							1
39	19.2	16.2	12.6					1	83	22.6							3
40	27.4			2.6	0.8	2.6	2.6	1	84	23							3
41	24.8			2.1	2.1	1.2	2.6	1	85	29.2	19.1		1.9	1.7	2.9	2.8	3
42	25.7			1.8	1.7	1.7	2.9	2	86	19.9	18.7	13					1
43	28.4	17.6		2.6	2.3	1.5	3.4	2	87	23.3			1.5	1.6	1.9	2.6	1
44	24.7			1.7	1.3	2.4	2.5	2	Suma	2006.1							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50920.63}{n}} =$$

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

