

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	20.8							3
2	26.4							1	46	26.2			1.5	1.9	2.3	1.9	1
3	22.6			1.3	2.1	1.5	1.4	1	47	25.4	18.3	12.9	1.7	1.6	1.6	2.7	2
4	17.8							1	48	29.4	18.5	13.4	2.8	2.3	1.7	2	2
5	27.3			1.8	2	1.2	3.2	1	49	22.6	18.2	14					1
6	32.2	23.2		1.2	2.2	2.1	3.4	1	50	/							/
7	29.1	18.2						1	51	22.7							3
8	21.8							2	52	18.6							3
9	19							1	53	18.8							2
10	18.7							2	54	17.6							1
11	22.8							2	55	22.8							3
12	22.6							1	56	/							/
13	21.8							2	57	25.6							1
14	27.8							1	58	30.6	20.5	14.4	3.2	1.9	1.3	4.1	2
15	29.7	18.8	14	1.6	1.3	2.8	3.5	1	59	26.1			2.5	1.5	2	1.9	2
16	20							2	60	30.8	22.1	14.7	1.8	2.6	2	3.2	1
17	30.3	20.8		2	2.1	2.5	2.3	2	61	25.3	20.9	13.3	1.2	1.5	2.4	2.6	3
18	27	18.9	14.6	1.5	2.1	2.2	1.7	2	62	21.3			2.7	1.5	1.1	1.6	1
19	17.1	18.4	14.5					2	63	28.6	22.1	14	2.5	1.5	1.7	2.7	1
20	24.3			2.1	1.6	1.5	1.8	1	64	17.9							1
21	23							1	65	25.9	21.3	14.3					2
22	22.2							1	66	31	22.8	14.9	2	2.1	2	2.7	2
23	27.8			2.3	1.2	2.1	2.2	1	67	26.8	20.1	12.9	1.6	1.7	2	3.3	1
24	15.9							3	68	26	21.3	14.4					3
25	20							2	69	29.6	20.1	13.2					3
26	13.3							2	70	21.6	19.7	13.8					3
27	20							2	71	20.7	18.5	13.1					1
28	33	23		2	2.2	2.6	3.6	1	72	24.3	19.3	12.9	1.8	1.5	2.7	2	2
29	21.7							1	73	/							/
30	37.2	23.8						1	74	23.8	18.1	12.1					1
31	24.9	21.6	14.4					2	75	28	17.7						2
32	24.3	21.6	14.9					1	76	35.7	23.6						3
33	30.7	21.5	14.6					2	77	26.6							1
34	12.3	17.7	14.3					3	78	/							/
35	22.5							2	79	26.3							2
36	24.5							2	80	16.8							1
37	28							1	81	31.8	22.7		2.9	2.9	2.1	3.7	1
38	/							/	82	23.9							1
39	19.1	16	12.6					1	83	22.5							3
40	27.3			2.5	1	2.5	2.7	1	84	23							3
41	24.7			1.8	1.8	1.3	2.4	1	85	29.1	18.8		1.8	1.8	2.6	2.4	3
42	25.9			1.6	1.7	1.6	3.1	2	86	19.9	18.4	13.1					1
43	28.2	17.6		2.9	2.4	1.5	3	2	87	23			1.5	1.3	1.6	2.7	1
44	24.6			1.6	1.5	2.3	2.4	2	Suma	2002.9							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50786.75}{n}} =$$

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

