

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	26.5							1	46	26.1			1.2	1.9	2.6	2.1	1
3	22.7			1.5	2.2	1.7	1.5	1	47	25.4	18	13.4	1.8	1.7	1.3	2.4	2
4	17.8							1	48	29.5	19	13.4	2.8	2.4	1.4	1.9	2
5	27.6			2	2	1.4	2.9	1	49	22.7	18.2	14.3					1
6	32.5	23.4		1.4	2.4	2.1	3.4	1	50	/							/
7	29	18.2						1	51	22.7							3
8	21.6							2	52	18.9							3
9	19							1	53	18.8							2
10	18.7							2	54	17.6							1
11	22.8							2	55	22.6							3
12	22.5							1	56	/							/
13	21.6							2	57	25.4							1
14	27.5							1	58	30.6	20.4	14.1	2.7	2	1.4	3.8	2
15	29.9	19.1	14.1	1.6	1.5	3.1	3.3	1	59	25.7			2.7	1.5	1.8	2	2
16	20.2							2	60	30.9	22.2	14.5	1.8	2.3	2.2	3	1
17	30.5	21.3		2.3	2.2	2.8	2.4	2	61	25.2	21.3	13	1.3	1.6	2.5	2.6	3
18	27	19.2	14.4	1.8	2.4	2.1	1.6	2	62	21.5			2.2	1.8	0.8	1.5	1
19	16.8	18.2	14.3					2	63	28.7	22	13.8	2.3	1.4	1.4	2.8	1
20	24.5			2	1.6	1.3	1.8	1	64	18							1
21	22.8							1	65	26	21.4	14.5					2
22	22.1							1	66	30.8	22.7	14.8	1.9	2.5	2	3	2
23	27.8			2	1.1	2.4	2.1	1	67	27.1	20	13.2	1.5	1.9	2.4	2.9	1
24	16							3	68	26.1	21	14.2					3
25	20.3							2	69	29.3	20.6	13.4					3
26	13							2	70	21.7	19.2	13.8					3
27	20.1							2	71	20.7	18.5	13.1					1
28	33.1	22.7		2	2	2.7	3.4	1	72	24.2	19.2	13.2	2.2	1.7	2.7	2.1	2
29	21.7							1	73	/							/
30	36.8	23.9						1	74	23.8	18.2	12					1
31	24.9	21.8	14.2					2	75	28.3	17.6						2
32	24.3	22.2	14.8					1	76	35.7	23.5						3
33	30.6	21.3	14.9					2	77	26.7							1
34	12.3	17.7	14.3					3	78	/							/
35	22.6							2	79	26.2							2
36	24.1							2	80	16.8							1
37	28							1	81	31.7	22.6		2.9	2.7	2	3.4	1
38	/							/	82	24.1							1
39	19.2	16.3	12.3					1	83	22.6							3
40	27.1			2.5	0.8	2.6	2.8	1	84	22.9							3
41	24.3			1.8	1.8	1.4	2.5	1	85	29.1	18.9		1.8	2.2	3.3	3	3
42	25.8			1.8	2	1.6	3.4	2	86	20	18.6	13					1
43	28.2	17.7		2.7	2.5	1.5	3.1	2	87	23.4			1.6	1.4	1.5	2.5	1
44	24.6			1.7	1.5	2.4	2.6	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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50779.13}{n}} =$$

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*

