

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	20.9							3
2	26.4							1	46	26.2			1.6	1.8	2.4	2	1
3	22.8			1.8	2.3	1.8	1.8	1	47	25.6	18.2	12.9	1.5	1.7	1.2	2.6	2
4	17.9							1	48	29.3	18.9	13	3	2.4	1.8	1.9	2
5	27.5			1.8	2.2	1.1	3.1	1	49	22.5	18.1	14.3					1
6	32.5	23.4		1.5	2.4	1.9	3.1	1	50	/							/
7	28.9	18.2						1	51	22.8							3
8	21.7							2	52	18.7							3
9	18.9							1	53	19							2
10	18.5							2	54	17.7							1
11	22.7							2	55	22.6							3
12	22.6							1	56	/							/
13	22.1							2	57	25.2							1
14	27.6							1	58	30.5	20.2	14.4	2.8	1.9	1.5	3.9	2
15	29.9	19	13.9	1.5	1.3	2.8	3	1	59	25.7			2.3	1.6	1.7	2	2
16	20.1							2	60	30.8	22.1	14.7	1.7	2.7	2.3	2.8	1
17	30.6	20.7		2	1.8	2.4	2.3	2	61	24.9	21.1	13.2	1.2	1.7	2.3	2.5	3
18	27.1	19.1	14.3	1.5	2.2	1.7	1.6	2	62	21.3			2.5	1.6	1	1.5	1
19	17	18	14.3					2	63	28.7	21.7	14.2	2.4	1.2	1.8	2.7	1
20	24.4			2	1.8	1.7	1.6	1	64	17.9							1
21	23							1	65	26.1	21.7	14.5					2
22	22.3							1	66	31	22.8	15.2	2.2	2.3	2	3.3	2
23	27.7			2.1	1.4	2.4	2	1	67	27	20.3	13.1	1.8	1.5	1.9	3.1	1
24	16							3	68	26	20.9	14.5					3
25	20							2	69	29.7	20.3	13.1					3
26	13.1							2	70	21.6	19.5	14.1					3
27	20.1							2	71	20.8	18.1	12.9					1
28	33	22.9		2	1.9	2.5	3.6	1	72	24.5	19.4	13	1.9	1.5	2.7	2.2	2
29	21.6							1	73	/							/
30	37	23.9						1	74	23.7	18.3	12.2					1
31	24.6	21.5	14.5					2	75	28	17.6						2
32	24.2	22.1	14.8					1	76	35.9	23.5						3
33	30	21.3	15.3					2	77	26.4							1
34	12	17.5	14.4					3	78	/							/
35	22.2							2	79	26.2							2
36	24.1							2	80	16.9							1
37	27.7							1	81	31.8	22.9		3.1	2.6	1.8	3.7	1
38	/							/	82	23.8							1
39	19.2	16.2	12.5					1	83	22.2							3
40	27.1			2.6	0.7	2.4	2.8	1	84	23.1							3
41	24.6			1.8	1.7	1.5	2.7	1	85	29.2	18.9		1.9	1.9	3.2	2.7	3
42	25.9			1.6	1.8	1.8	3.4	2	86	20.1	18.9	13.1					1
43	28.1	17.8		2.5	2.2	1.4	3.3	2	87	23.5			1.5	1.3	1.9	2.6	1
44	24.9			1.6	1.5	2.4	2.6	2	Suma	2001.4							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50710.22}{n}} =$$

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*

