

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	26.8							1	46	26			1.3	1.7	2.3	2.2	1
3	22.7			1.4	2.1	2	1.4	1	47	25.1	18.1	13	1.7	1.4	1.5	2.7	2
4	18.2							1	48	29.5	18.5	13.6	2.6	2.4	1.5	2.2	2
5	27.8			1.8	1.8	1.2	3.2	1	49	22.8	18.2	13.9					1
6	32.3	23.3		1.6	2.3	1.9	3.2	1	50	/							/
7	29	17.9						1	51	22.8							3
8	21.6							2	52	18.7							3
9	18.7							1	53	19							2
10	18.7							2	54	17.9							1
11	23							2	55	22.8							3
12	22.6							1	56	/							/
13	21.8							2	57	25.6							1
14	27.8							1	58	30.4	20.5	14.3	2.8	1.9	1.3	3.7	2
15	30.1	19.4	14	1.7	1.5	2.8	3	1	59	25.8			2.6	1.3	2	2	2
16	20.3							2	60	30.7	22.3	14.6	1.7	2.5	2	2.9	1
17	30.2	21		1.9	2.1	2.5	2.4	2	61	25.2	21.4	13.2	1.2	1.6	2.2	2.3	3
18	27	19.1	14.6	1.9	2.1	1.8	1.5	2	62	21.4			2.3	1.5	0.8	1.6	1
19	17	18.3	14.4					2	63	28.8	21.9	13.9	2.3	1.5	1.7	2.9	1
20	24.5			2	1.7	1.6	1.8	1	64	17.7							1
21	22.9							1	65	26.1	21.5	14.6					2
22	22							1	66	31.2	22.5	14.8	2.4	2.3	2	2.8	2
23	27.7			1.8	1.2	2.7	2	1	67	27	20.2	13	1.7	1.9	2	2.9	1
24	16							3	68	26.1	21.2	14.4					3
25	20.2							2	69	29.6	20	13.1					3
26	13.2							2	70	21.7	19.6	14					3
27	20							2	71	20.8	18.1	13.4					1
28	33.2	22.8		2	2.3	2.5	3.5	1	72	24.3	19.6	12.9	2.1	1.7	2.6	2.1	2
29	21.7							1	73	/							/
30	36.6	24.2						1	74	23.8	18.2	12.1					1
31	24.9	21.6	14.2					2	75	27.9	17.7						2
32	24.5	21.7	15					1	76	36	23.5						3
33	30.1	21.5	15					2	77	26.5							1
34	11.9	17.6	14.3					3	78	/							/
35	22.4							2	79	26.5							2
36	24.4							2	80	16.8							1
37	28							1	81	31.8	22.3		2.9	2.8	2.1	3.6	1
38	/							/	82	23.8							1
39	19.3	16.3	12.7					1	83	22.6							3
40	27.1			2.3	0.8	2.3	2.8	1	84	23.2							3
41	25			2.2	1.7	1.4	2.7	1	85	29.2	19.1		1.9	2.2	2.9	2.4	3
42	25.6			2	1.8	1.7	3.7	2	86	20	18.6	13.1					1
43	28.4	17.8		2.8	2.4	1.4	3.2	2	87	23.3			1.7	1.2	1.7	2.3	1
44	24.8			1.7	1.3	2.2	2.8	2	Suma	2005.4							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50900.7}{n}} =$$

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*

