

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	25.9							1	45	21							3
2	26.6							1	46	26.1			1.4	1.9	2.3	2.1	1
3	22.9			1.6	2.4	2	1.6	1	47	25.4	18.2	13.1	1.7	1.4	1.4	2.8	2
4	18							1	48	29.6	18.7	13.5	3	2.4	1.5	1.9	2
5	27.9			1.7	2.2	1.1	3	1	49	22.6	18.5	14.3					1
6	32	23.5		1.3	2.3	1.6	3	1	50	/							/
7	28.9	18						1	51	22.6							3
8	21.6							2	52	18.7							3
9	19.1							1	53	19.2							2
10	19							2	54	17.5							1
11	23							2	55	22.4							3
12	22.6							1	56	/							/
13	21.7							2	57	25.6							1
14	28							1	58	30.6	20.4	14.2	2.8	1.7	1.4	3.7	2
15	30	19	14.2	1.8	1.3	2.9	3.1	1	59	25.9			2.4	1.6	1.7	2	2
16	20.2							2	60	30.8	22.1	14.8	1.6	2.5	1.9	2.9	1
17	30.5	21.5		1.8	2.2	2.3	2.4	2	61	25.2	20.8	13	1.2	1.8	2.4	2.5	3
18	27.1	19	14.6	1.6	1.9	2	1.5	2	62	21.6			2.5	1.6	0.8	1.7	1
19	16.9	18.3	14.4					2	63	28.9	22.3	14.2	2.3	1.1	1.7	2.7	1
20	24.2			1.9	1.8	1.7	1.7	1	64	17.8							1
21	22.7							1	65	26	21.4	14.4					2
22	22.1							1	66	31.1	22.9	14.6	2.2	2.1	2.4	3.2	2
23	27.6			1.9	1.5	2.6	2.2	1	67	26.9	20	12.9	2	1.8	2.3	3	1
24	16							3	68	26.2	21.2	14.2					3
25	20							2	69	29.6	20.4	13.3					3
26	12.8							2	70	21.8	19.3	14					3
27	20.2							2	71	20.9	18.4	12.6					1
28	33.3	23.2		1.9	2.1	2.5	3.6	1	72	24.4	19.3	13.2	2	1.6	2.6	1.9	2
29	22							1	73	/							/
30	37.1	24						1	74	23.7	18.3	12.1					1
31	25	21.7	14.1					2	75	27.8	17.5						2
32	24	22	15.1					1	76	36.1	23.6						3
33	30.6	20.8	15.1					2	77	26.7							1
34	12.3	17.9	14.5					3	78	/							/
35	22.3							2	79	26.4							2
36	24.2							2	80	16.8							1
37	27.6							1	81	32	22.9		3	2.8	2.3	3.7	1
38	/							/	82	23.9							1
39	19.2	16.3	12.6					1	83	22.1							3
40	27			2.5	0.7	2.2	3	1	84	23.4							3
41	24.9			1.6	2.2	1.5	2.2	1	85	29.2	18.9		2	1.8	3.1	2.8	3
42	25.9			1.5	1.7	1.7	3.4	2	86	20.1	18.6	13					1
43	28.2	17.8		2.5	2.4	1.4	3.2	2	87	23.4			1.5	1.3	1.8	2.4	1
44	24.5			1.6	1.4	2.6	2.5	2	Suma	2005.6							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50933.56}{n}} =$$

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*

