

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	26.2							1	45	21.4							3
2	26.6							1	46	26			1.5	1.7	2.4	2.1	1
3	22.5			1.3	2.3	1.6	1.8	1	47	25.1	18.1	12.9	1.3	1.7	1.3	2.6	2
4	18.3							1	48	29.6	18.9	13.5	2.7	2.2	1.6	1.9	2
5	27.7			1.7	2.3	1.1	3.1	1	49	22.7	18	14.3					1
6	32.2	23.2		1.1	2.6	2.1	3.3	1	50	/							/
7	29	18.1						1	51	22.6							3
8	21.6							2	52	18.7							3
9	18.8							1	53	19							2
10	18.7							2	54	17.8							1
11	22.6							2	55	23							3
12	22.3							1	56	/							/
13	21.9							2	57	25.2							1
14	27.9							1	58	30.4	20.4	14.2	2.8	1.7	1.4	3.8	2
15	30	19.4	14.1	1.3	1.6	2.9	3.5	1	59	25.7			2.3	1.5	1.9	2.2	2
16	20.2							2	60	30.4	22.1	14.6	1.8	2.3	1.9	2.8	1
17	30.4	20.6		1.9	1.8	2.4	2.2	2	61	25	20.9	13.3	1.3	1.7	2.2	2.6	3
18	27.1	18.8	14.7	1.6	2.2	1.5	1.5	2	62	21.3			2.5	1.6	0.8	1.7	1
19	17.2	18.4	14.2					2	63	28.7	22	14.2	2.3	1.3	1.7	3	1
20	24.4			2.2	1.7	1.8	1.9	1	64	17.8							1
21	23							1	65	26	21.6	14.4					2
22	22.1							1	66	30.9	23	14.9	2.4	2.3	2	3.3	2
23	27.6			2.1	1	2.6	2	1	67	27.2	19.9	12.7	1.7	1.7	2.5	3	1
24	15.9							3	68	25.8	21.2	14.3					3
25	20							2	69	29.5	20	13.1					3
26	13.3							2	70	21.5	19.8	14.1					3
27	19.9							2	71	20.7	18.2	13.1					1
28	33.5	23.1		2.1	2.2	2.3	3.4	1	72	24.1	19.1	13.2	2.1	1.7	2.8	2.1	2
29	21.9							1	73	/							/
30	37.2	23.9						1	74	23.7	17.9	12.1					1
31	24.8	21.5	14.3					2	75	27.8	17.5						2
32	24.3	22	15					1	76	35.9	23.8						3
33	30.4	21.3	14.9					2	77	26.4							1
34	12.2	17.6	14.3					3	78	/							/
35	22.6							2	79	26.1							2
36	24.3							2	80	17.2							1
37	27.4							1	81	32	22.8		3.1	2.6	2.3	3.7	1
38	/							/	82	24							1
39	19.2	16	12.6					1	83	22.6							3
40	27.1			2.2	0.9	2.4	2.5	1	84	22.8							3
41	24.8			2.1	2	1.5	2.7	1	85	28.9	19.1		1.9	1.7	3	2.6	3
42	25.9			1.8	1.7	1.5	3.5	2	86	19.8	18.6	13.1					1
43	28.3	17.9		2.9	2.4	1.6	3	2	87	23.1			1.7	1.2	1.6	2.6	1
44	25			1.7	1.2	2.5	2.8	2	Suma	2002.7							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50762.43}{n}} =$$

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*

