

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							1	45	21.1							3
2	26.3							1	46	26.2			1.1	1.8	2.4	2	1
3	22.6			1.5	2.6	1.8	1.3	1	47	25.5	18.2	13	1.6	1.5	1.3	2.6	2
4	17.8							1	48	29.7	18.8	13.4	2.9	2.2	1.1	2	2
5	27.7			1.6	2	1.2	3	1	49	22.6	18.2	14.4					1
6	32.2	23.4		1.5	2.4	1.6	3.4	1	50	/							/
7	29.2	17.9						1	51	22.8							3
8	21.4							2	52	18.6							3
9	18.9							1	53	18.9							2
10	18.7							2	54	17.6							1
11	22.7							2	55	22.5							3
12	22.4							1	56	/							/
13	21.9							2	57	25.6							1
14	27.9							1	58	30.4	20.4	14.4	2.7	1.8	1.5	3.9	2
15	30.2	19.1	14	1.8	1.5	2.9	3.4	1	59	25.9			2.4	1.5	1.4	2.2	2
16	20.1							2	60	30.9	22.3	14.5	1.6	2.5	2.3	3	1
17	30.6	20.8		2.1	2.1	2.4	2.5	2	61	24.7	21	13	1.3	1.8	2.3	2.6	3
18	27	18.7	14.5	1.6	2.1	1.8	1.4	2	62	21.6			2.6	1.8	0.9	2	1
19	16.7	18.4	14.6					2	63	28.8	21.8	14	2.5	1.4	1.7	2.6	1
20	24.5			2	1.6	1.7	1.6	1	64	17.9							1
21	22.9							1	65	26.1	21.6	14.5					2
22	22.1							1	66	31	22.8	14.7	2.2	2	2	3.2	2
23	27.7			2	1.3	2.5	1.9	1	67	27.1	20.2	13.2	1.6	2.1	2.2	2.9	1
24	16.1							3	68	25.9	21.1	14.2					3
25	20.2							2	69	29.7	19.9	13.4					3
26	13							2	70	21.9	19.6	13.7					3
27	19.8							2	71	20.6	18.2	12.9					1
28	33.1	23.1		1.8	2.2	2.6	3.4	1	72	24.5	19.1	13.2	2	1.8	2.8	2	2
29	22							1	73	/							/
30	37.2	23.9						1	74	23.8	18	12.2					1
31	24.5	21.4	14.4					2	75	28.1	17.5						2
32	24.4	22	15					1	76	36	23.5						3
33	30.1	21.4	15					2	77	26.4							1
34	12.3	17.7	14.7					3	78	/							/
35	22.3							2	79	26.3							2
36	24.5							2	80	16.7							1
37	27.7							1	81	31.5	22.4		3	3.1	2	3.7	1
38	/							/	82	23.9							1
39	19.4	16.3	12.7					1	83	22.5							3
40	27			2.6	1	2.4	3	1	84	23.2							3
41	24.8			1.9	1.9	1.3	2.6	1	85	29	18.7		1.9	2.1	2.5	2.5	3
42	26			1.8	1.7	1.7	3	2	86	19.9	18.8	13.2					1
43	28.3	17.7		2.7	2.5	1.4	3.4	2	87	23.1			1.8	1.3	1.5	2.6	1
44	24.8			1.7	1.6	2.3	2.8	2	Suma	2003.6							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50836.98}{n}} =$$

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*

