

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	20.8							3
2	26.6							1	46	26.2			1.2	1.8	2.1	2	1
3	22.7			1.4	1.9	1.9	1.5	1	47	25.4	17.9	13	1.5	1.8	1.5	2.8	2
4	18							1	48	29.8	18.6	12.9	2.9	2.3	1.9	2.1	2
5	27.5			1.9	1.9	1.2	3.1	1	49	22.4	18.1	14.2					1
6	32.3	23.4		1.6	2.2	1.9	3.3	1	50	/							/
7	29	18.1						1	51	22.6							3
8	21.6							2	52	18.9							3
9	19.2							1	53	19							2
10	19.2							2	54	17.5							1
11	22.7							2	55	22.7							3
12	22.6							1	56	/							/
13	21.9							2	57	25.3							1
14	27.9							1	58	30.6	20.3	14.6	2.6	1.9	1.3	3.9	2
15	30.2	19.4	13.7	1.9	1.5	3	3.2	1	59	25.7			2.6	1.6	1.7	2.2	2
16	20.1							2	60	30.6	22.1	14.7	1.8	2.6	2.4	2.8	1
17	30.4	20.9		2	2.2	2.6	2.5	2	61	25.3	21.2	13.4	1.1	1.6	2.3	2.6	3
18	27.1	19	14.5	1.8	2.4	2.1	1.5	2	62	21.7			2.3	1.7	0.8	1.3	1
19	17.1	18.4	14.4					2	63	28.8	22	14.2	2.3	1.4	1.6	2.7	1
20	24.6			2.1	1.7	1.6	1.7	1	64	17.8							1
21	23							1	65	25.9	21.1	14.7					2
22	22.2							1	66	30.8	22.7	14.8	2	2.2	2.1	3.1	2
23	27.9			1.7	1.2	2.4	2.1	1	67	26.7	20.1	13	1.4	1.7	2.2	3.1	1
24	16							3	68	25.9	21.2	14.5					3
25	20.1							2	69	29.7	20.3	13.1					3
26	13.1							2	70	21.8	19.2	13.9					3
27	20.1							2	71	20.8	18.1	13					1
28	33.3	22.8		1.9	2	2.6	3.6	1	72	24.6	19.1	13.2	2.1	1.7	2.7	1.9	2
29	21.9							1	73	/							/
30	37.1	23.8						1	74	23.8	17.8	12.4					1
31	25	21.6	14.5					2	75	27.9	17.6						2
32	24.4	22	14.9					1	76	35.8	23.8						3
33	30.5	21.1	14.9					2	77	27							1
34	12.2	17.8	14.5					3	78	/							/
35	22.3							2	79	26.3							2
36	24.2							2	80	16.9							1
37	27.7							1	81	31.6	22.5		3	2.8	1.9	3.6	1
38	/							/	82	23.7							1
39	19.3	16.2	12.6					1	83	22.4							3
40	27			2.5	0.9	2.5	2.8	1	84	23							3
41	24.9			2.1	1.9	1.3	2.5	1	85	28.9	18.8		2.2	2	3	2.6	3
42	25.7			1.7	1.8	2	3.5	2	86	19.7	18.7	13.1					1
43	28.4	17.8		2.7	2.3	1.4	3.4	2	87	23.2			1.4	1.4	1.4	2.5	1
44	24.6			1.7	1.3	2.4	2.8	2	Suma	2005.2							

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:

$$\overline{d} = \frac{1}{n} \sum_1^n d =$$

1.2. Srednji prečnik po temeljnici:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50891.6}{n}} =$$

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:

$$\overline{h} = \frac{1}{n} \sum_1^n h =$$

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*

