

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	21.2							3
2	26.7							1	46	26			1	1.6	2.1	2.3	1
3	22.4			1.9	2.2	1.7	1.5	1	47	25.1	17.9	13	1.1	1.4	1.2	3	2
4	18.4							1	48	29.5	18.4	13.4	2.7	2.1	1.4	2.2	2
5	27.6			1.5	2.1	0.9	3.2	1	49	22.3	18	14.3					1
6	32.1	23.3		1.3	2.2	1.8	3.2	1	50	/							/
7	29	17.9						1	51	22.7							3
8	21.7							2	52	18.7							3
9	19							1	53	19							2
10	18.6							2	54	17.6							1
11	22.7							2	55	22.6							3
12	22.4							1	56	/							/
13	21.8							2	57	25.4							1
14	27.7							1	58	30.7	20.4	14.3	2.9	2	1.5	3.7	2
15	30.1	19.2	13.9	1.8	1.4	2.8	3.5	1	59	25.9			2.7	1.6	1.9	1.9	2
16	20							2	60	30.7	22.1	14.7	1.9	2.5	2.1	3	1
17	30.3	21.2		2	2	2.4	2.5	2	61	25.1	21.1	13.3	1.5	1.8	2.4	2.8	3
18	27.3	19	14.3	1.5	2.5	2.1	1.7	2	62	21.5			2.3	1.5	0.7	1.7	1
19	16.7	18	14.6					2	63	28.8	22.2	14.2	2.5	1.3	2	2.9	1
20	24.7			2	2	1.7	1.7	1	64	18.1							1
21	22.4							1	65	26.1	21.5	14.6					2
22	21.8							1	66	30.9	22.8	14.6	2.3	2.2	2.1	3.1	2
23	27.7			2.3	1.2	2.3	2.1	1	67	27	20.3	13.1	1.5	1.5	2	3.2	1
24	15.8							3	68	26	21.2	14.1					3
25	20							2	69	29.3	20.5	13.3					3
26	13.6							2	70	21.8	19.5	13.9					3
27	20.1							2	71	20.9	18.1	13.1					1
28	33.3	23.2		2.1	2.1	2.5	3.6	1	72	24.5	19.4	13.2	1.8	1.5	2.4	1.8	2
29	21.7							1	73	/							/
30	36.7	23.7						1	74	23.6	18	12.2					1
31	24.7	21.6	14.3					2	75	28	17.7						2
32	24.1	21.8	15					1	76	35.8	23.8						3
33	30.5	21.3	15.2					2	77	26.7							1
34	12.4	17.4	14.4					3	78	/							/
35	22.8							2	79	26.1							2
36	24.2							2	80	16.9							1
37	27.6							1	81	32	22.7		2.7	2.7	2	3.8	1
38	/							/	82	23.9							1
39	19.1	16.3	12.5					1	83	22.6							3
40	26.9			2.5	0.5	2.2	2.8	1	84	23.2							3
41	24.6			2	1.8	1.6	2.5	1	85	29.3	18.9		1.9	2.2	3	2.7	3
42	25.8			1.7	1.8	2	3.4	2	86	20	18.5	13.3					1
43	28.3	17.6		2.8	2.2	1.3	3.2	2	87	23.2			1.5	1.5	1.9	2.6	1
44	24.7			1.5	1.5	2.3	2.4	2	Suma	2002.9							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50765.35}{n}} =$$

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

