

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	20.9							3
2	26.7							1	46	26.2			1.4	1.7	2.3	2.2	1
3	22.8			1.4	2.4	1.8	1.3	1	47	25.2	17.9	13.2	1.4	1.7	1.3	3	2
4	18							1	48	29.5	18.7	13.4	2.7	2.1	1.6	2.1	2
5	27.6			1.6	2.1	1.2	3.1	1	49	22.5	18.2	13.8					1
6	32.3	23.3		1.3	2	2	3.3	1	50	/							/
7	28.9	18.1						1	51	22.6							3
8	21.4							2	52	18.7							3
9	19							1	53	18.9							2
10	18.6							2	54	17.9							1
11	22.6							2	55	22.8							3
12	22							1	56	/							/
13	21.9							2	57	25.3							1
14	27.6							1	58	30.3	20.4	14.3	3	2	1.5	3.8	2
15	30	19	13.7	1.5	1.5	2.8	3.3	1	59	25.8			2.2	1.8	1.9	2.1	2
16	20.2							2	60	30.9	22.3	14.6	1.5	2.6	1.8	2.9	1
17	30.5	21		1.9	1.8	2.6	2.6	2	61	25.2	20.9	13	1.1	1.8	2.1	2.6	3
18	27.3	18.9	14.7	1.7	2.1	1.9	1.4	2	62	21.5			2.5	1.5	1	1.5	1
19	16.9	18.2	14.8					2	63	28.7	22.2	13.9	2.6	1.6	1.6	2.7	1
20	24.4			2	1.7	1.5	1.9	1	64	17.8							1
21	22.7							1	65	26.2	21.4	14.6					2
22	22.3							1	66	30.9	22.8	14.8	2.2	2.2	2.1	3.3	2
23	27.7			2.2	1.3	2.4	2	1	67	27.2	19.9	13	1.6	1.3	2	3	1
24	16.2							3	68	25.8	21.4	14.3					3
25	20							2	69	29.5	20.3	13.3					3
26	13.3							2	70	21.9	19.4	13.9					3
27	19.9							2	71	20.5	18.2	12.8					1
28	33.2	22.5		2	2.1	2.4	3.5	1	72	24.3	19.4	13.3	1.9	1.7	2.9	1.6	2
29	22.1							1	73	/							/
30	36.8	23.8						1	74	23.6	18.3	12.2					1
31	24.8	21.5	14.2					2	75	27.9	17.7						2
32	24.2	22	14.9					1	76	35.8	23.6						3
33	30.5	21.2	15.2					2	77	26.6							1
34	12.1	17.6	14.5					3	78	/							/
35	22.6							2	79	26.2							2
36	24.2							2	80	17.3							1
37	27.6							1	81	31.5	22.8		2.9	2.7	2	3.7	1
38	/							/	82	24.2							1
39	19	16.4	12.6					1	83	22.7							3
40	27.1			2.7	0.8	2.7	2.9	1	84	23.1							3
41	24.8			2	1.5	1.3	2.4	1	85	29	18.6		1.9	2.4	2.8	2.7	3
42	25.9			1.7	2	1.8	3.8	2	86	20.1	18.7	13					1
43	28.5	17.7		2.5	2.3	1.6	3.5	2	87	23.2			1.6	1.3	1.9	2.7	1
44	24.9			1.8	1.3	2.2	2.2	2	Suma	2003.4							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50789.74}{n}} =$$

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

