

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	45	21.2							3
2	26.4							1	46	26.3			1.3	1.8	2.3	2.2	1
3	22.8			1.5	2.4	1.9	1.7	1	47	25.4	18	12.9	1.5	1.6	1.5	2.6	2
4	17.7							1	48	29.5	18.6	13.3	3	2.5	1.9	2	2
5	27.6			1.6	2.1	1	2.8	1	49	22.5	18.6	14.4					1
6	32.3	23.4		1.4	2.4	1.9	3.3	1	50	/							/
7	29.3	18						1	51	22.9							3
8	21.5							2	52	18.9							3
9	19							1	53	19							2
10	18.7							2	54	17.5							1
11	22.7							2	55	22.6							3
12	22.6							1	56	/							/
13	21.6							2	57	25.5							1
14	27.5							1	58	30.1	20.5	14.4	3	1.8	1.7	3.7	2
15	29.9	19	13.9	1.7	1.7	2.9	3.2	1	59	25.9			2.2	1.6	1.7	2.1	2
16	20.3							2	60	30.8	22.2	14.6	1.9	2.3	2.2	3	1
17	30.5	21.2		2	1.6	2.6	2.3	2	61	25.2	21	13	1.2	1.9	2	2.5	3
18	27.1	18.9	14.1	1.4	2.4	2	1.7	2	62	21.4			2.3	1.5	0.8	1.7	1
19	17.1	18.2	14.5					2	63	28.6	22.1	14	2.3	1.3	1.8	2.6	1
20	24.4			2	1.5	1.8	1.6	1	64	18.2							1
21	22.7							1	65	25.9	21.7	14.7					2
22	22							1	66	30.7	22.8	14.8	2.3	2.4	2	3	2
23	27.6			2.1	1.2	2.3	2.3	1	67	26.9	20.2	13.1	1.6	1.7	2.4	3	1
24	16.1							3	68	25.9	21.1	14.4					3
25	20.3							2	69	29.6	20.1	13.4					3
26	13.4							2	70	21.8	19.8	13.9					3
27	19.5							2	71	20.9	18.1	13.1					1
28	33.3	23.3		2.1	2	2.5	3.8	1	72	24.1	19.1	13.3	2	1.6	2.6	2.2	2
29	22							1	73	/							/
30	37.1	23.7						1	74	23.6	18.3	12.3					1
31	24.9	21.7	14.1					2	75	27.7	17.5						2
32	24.1	22.1	15					1	76	35.9	23.8						3
33	30.3	21.5	14.8					2	77	26.7							1
34	12.2	17.9	14.1					3	78	/							/
35	22.2							2	79	26.1							2
36	24.1							2	80	16.8							1
37	28.1							1	81	31.5	22.7		3	2.7	1.8	3.5	1
38	/							/	82	24							1
39	19.2	16.3	12.6					1	83	22.5							3
40	26.9			2.4	1.2	2.3	3.2	1	84	23.2							3
41	24.9			2	1.7	1.5	2.4	1	85	29	19.1		1.8	2.2	3.3	2.5	3
42	25.6			1.5	1.9	1.5	3.4	2	86	19.8	18.7	13					1
43	28.4	17.4		2.5	2.3	1.2	3.3	2	87	23.4			1.6	1.2	1.9	2.3	1
44	24.5			1.9	1.6	2.3	2.4	2	Suma	2001.9							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50716.67}{n}} =$$

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

