

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	20.6							3
2	26.3							1	46	26.2			1.4	2	2.3	2.1	1
3	22.9			1.5	2.2	2	1.6	1	47	25.4	17.7	12.9	1.4	1.6	1.2	2.8	2
4	18.1							1	48	29.6	18.6	13.3	2.7	2.1	1.6	2.2	2
5	27.7			1.5	2.3	1.1	2.9	1	49	22.5	18.3	14.6					1
6	32.3	23.1		1.6	2.4	1.9	3.5	1	50	/							/
7	29	17.9						1	51	22.7							3
8	21.6							2	52	18.5							3
9	19.2							1	53	18.9							2
10	18.7							2	54	17.8							1
11	22.5							2	55	22.6							3
12	22.3							1	56	/							/
13	21.9							2	57	25.5							1
14	27.6							1	58	30.5	20.5	14.2	2.9	1.5	1.3	3.8	2
15	30.1	18.7	14.3	2	1.3	2.9	3	1	59	26			2.6	1.4	1.9	2.2	2
16	20.1							2	60	30.7	22	14.4	2	2.3	2	2.8	1
17	30.4	21.3		2.3	2	2.6	2.1	2	61	25	21	13.1	1.2	1.9	2.2	2.3	3
18	27.2	18.9	14.5	1.6	2.1	2.2	1.8	2	62	21.5			2.3	1.5	0.7	1.9	1
19	16.8	18	14.6					2	63	28.9	22	13.9	2.4	1.4	1.7	2.5	1
20	24.6			2.3	1.9	1.8	1.6	1	64	18							1
21	22.7							1	65	26	21.4	14.7					2
22	22.2							1	66	30.8	22.9	14.7	2.3	2.2	2	2.8	2
23	27.5			2.2	1.3	2.4	2.1	1	67	26.9	20.1	13	1.7	1.7	2.3	3.2	1
24	15.9							3	68	25.8	21	14.3					3
25	19.8							2	69	29.8	20.2	13.2					3
26	13							2	70	21.7	19.9	14					3
27	19.8							2	71	20.8	18.1	13.1					1
28	33.3	22.9		2.1	2	2.7	3.4	1	72	24.4	19.3	13.1	1.9	1.6	2.6	1.7	2
29	21.7							1	73	/							/
30	36.8	23.8						1	74	23.6	18.4	12					1
31	24.7	21.5	14.2					2	75	28	17.6						2
32	24.2	21.8	14.9					1	76	35.7	23.4						3
33	30.3	21.2	15.2					2	77	27							1
34	11.9	17.3	14.5					3	78	/							/
35	22.3							2	79	26.6							2
36	24.5							2	80	16.9							1
37	27.8							1	81	31.6	22.4		2.8	2.9	1.8	3.9	1
38	/							/	82	24.3							1
39	19	16.1	12.5					1	83	22.8							3
40	27.4			2.5	0.6	2.3	2.6	1	84	23.4							3
41	25			2.1	2	1.4	2.7	1	85	29	18.8		1.8	2	3	2.6	3
42	25.9			1.5	1.7	1.7	3.5	2	86	19.7	18.5	12.9					1
43	28.2	17.9		2.8	2.4	1.7	3.1	2	87	23.6			1.5	1.2	1.3	2.5	1
44	24.5			1.9	1.2	2.4	2.5	2	Suma	2003							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50802.78}{n}} =$$

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

