

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	21.1							3
2	26.6							1	46	25.9			1.3	1.8	2.7	1.9	1
3	22.9			1.3	2.1	1.5	1.6	1	47	25.4	18.1	12.8	1.4	1.7	1.6	2.6	2
4	18							1	48	29.8	18.7	13.4	2.8	2.3	1.6	2	2
5	27.8			1.8	1.8	1.7	3.1	1	49	22.6	18.1	14.3					1
6	32.4	23.1		1.5	2.4	2.2	3.5	1	50	/							/
7	29	18						1	51	22.8							3
8	21.5							2	52	18.9							3
9	19.4							1	53	18.9							2
10	18.8							2	54	17.8							1
11	22.5							2	55	22.7							3
12	22.4							1	56	/							/
13	21.5							2	57	25.3							1
14	27.8							1	58	30.6	20.5	14.2	3.3	1.7	1.1	3.8	2
15	29.8	19	13.8	1.6	1.7	2.9	3.2	1	59	25.6			2.3	1.6	2	2.2	2
16	20.4							2	60	30.8	22.3	14.5	1.5	3	2.1	2.7	1
17	30.3	20.9		1.8	1.9	2.5	2.4	2	61	25.2	21.2	13.1	1.2	2.1	2.2	2.2	3
18	27	19	14.6	1.5	2.4	1.8	1.7	2	62	21.4			2.4	1.6	0.7	1.8	1
19	16.6	18	14.3					2	63	28.9	22.2	14	2.2	1.1	1.5	2.8	1
20	24.6			2	1.8	1.8	1.8	1	64	18							1
21	22.6							1	65	26.1	21.5	14.3					2
22	22.1							1	66	30.7	22.6	15	2.1	2.3	1.9	2.9	2
23	27.6			2.1	1.3	2.4	2.1	1	67	27	20.1	13.1	1.5	1.7	2.5	3	1
24	15.9							3	68	25.9	21.5	14.6					3
25	19.9							2	69	29.3	20.3	13					3
26	13.4							2	70	21.7	19.7	14.1					3
27	20.2							2	71	20.5	18.3	13					1
28	33.2	22.8		2.1	2.4	2.7	3.4	1	72	24.4	19.1	12.9	2.1	1.7	2.6	1.9	2
29	21.7							1	73	/							/
30	37.2	23.9						1	74	23.9	18.2	12.2					1
31	24.9	21.4	14.5					2	75	28.2	17.6						2
32	24.1	21.8	14.8					1	76	35.7	23.8						3
33	30.5	21.3	15.1					2	77	26.6							1
34	12.1	17.6	14.6					3	78	/							/
35	22.1							2	79	26.4							2
36	24.2							2	80	16.7							1
37	27.7							1	81	32	22.8		2.8	2.9	2	3.7	1
38	/							/	82	24.1							1
39	19.3	16.1	12.6					1	83	22.4							3
40	27.2			2.5	1	2.1	2.9	1	84	23.1							3
41	24.9			1.8	1.7	1.5	2.6	1	85	29.2	19		2.2	1.9	2.9	2.6	3
42	25.9			1.8	1.7	1.8	3.5	2	86	19.7	18.7	12.9					1
43	28.1	17.8		2.9	2.1	1.2	2.8	2	87	23			1.5	1.2	2.1	2.6	1
44	24.8			1.7	1.4	2.3	2.3	2	Suma	2003.3							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50810.67}{n}} =$$

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:

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

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

