

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	21.1							3
2	26.6							1	46	26			1.2	1.6	2.5	2.1	1
3	22.5			1.6	2.4	1.8	1.4	1	47	25.3	17.8	12.8	1.6	1.5	1.3	2.9	2
4	17.9							1	48	29.5	18.7	13.3	2.7	2.5	1.6	2	2
5	27.6			1.8	2.3	1.3	3.1	1	49	22.5	18.3	14.4					1
6	32.4	23.4		1.6	2.4	2	3.4	1	50	/							/
7	29.1	18.1						1	51	22.9							3
8	21.4							2	52	18.9							3
9	18.7							1	53	19.1							2
10	18.8							2	54	17.4							1
11	22.5							2	55	22.9							3
12	22.6							1	56	/							/
13	21.8							2	57	25.5							1
14	27.7							1	58	30.5	20.3	14.3	2.8	1.8	1.4	3.8	2
15	29.7	19.2	14.3	1.7	1.4	2.9	3.6	1	59	26			2.4	1.8	1.8	2.1	2
16	20.1							2	60	30.8	22	14.7	1.7	2.3	2.1	3.3	1
17	30.5	21.2		2.5	1.9	2.3	2.5	2	61	25.2	20.9	13.1	1.1	1.6	2.5	2.8	3
18	27	19.1	14.2	2	2	2.1	1.6	2	62	21.4			2.5	1.6	0.8	1.6	1
19	16.8	18.1	14.6					2	63	28.9	22.1	13.9	2.4	1.6	1.6	2.9	1
20	24.6			2.2	1.8	2	1.6	1	64	18.3							1
21	22.6							1	65	25.9	21.3	14.4					2
22	22.1							1	66	30.8	22.8	14.7	2.1	2.1	1.9	3	2
23	27.7			2	1.2	2.4	2	1	67	27.2	20.2	13	1.4	1.9	2.2	3.1	1
24	16							3	68	26	21.1	14.6					3
25	19.9							2	69	29.5	20	13.1					3
26	13.2							2	70	21.8	19.5	13.7					3
27	20.3							2	71	20.6	18.4	13					1
28	33.3	22.9		2	1.8	2.7	3.4	1	72	24.5	19.2	13	2	1.8	3.1	1.9	2
29	22							1	73	/							/
30	36.8	23.9						1	74	23.8	18.2	12.6					1
31	24.7	21.6	14.3					2	75	28	17.8						2
32	24.5	21.9	15					1	76	35.8	23.4						3
33	30.5	21.1	15					2	77	26.6							1
34	11.9	17.3	14.6					3	78	/							/
35	22.4							2	79	26.3							2
36	24							2	80	17							1
37	27.9							1	81	31.6	22.3		2.9	2.6	2	3.6	1
38	/							/	82	24.2							1
39	19.4	15.8	12.7					1	83	22.4							3
40	26.9			2.6	0.8	2.6	2.7	1	84	23.2							3
41	24.8			1.8	1.9	1.4	2.3	1	85	29	18.9		1.9	2	2.9	2.8	3
42	25.7			1.7	1.7	1.9	3.3	2	86	20	18.6	13.1					1
43	28.2	17.9		2.6	2.5	1.4	3.4	2	87	23			1.6	1.3	1.7	2.5	1
44	24.8			1.7	1.4	2.3	3.1	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:

$$\overline{d} = \frac{1}{n} \sum_1^n d =$$

1.2. Srednji prečnik po temeljnici:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50797.57}{n}} =$$

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

