

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	26.2							1	45	21							3
2	26.6							1	46	26.1			1.3	1.8	2.5	2.1	1
3	22.9			1.4	2.2	2.1	1.3	1	47	25.4	18.1	13	1.8	1.2	1.3	2.7	2
4	18.4							1	48	29.5	18.9	13.2	2.6	2.4	1.8	2.2	2
5	27.7			1.6	2.3	1.2	3.2	1	49	22.7	18.2	14.3					1
6	32.3	23.3		1.4	2.5	2.1	3.3	1	50	/							/
7	29.1	18						1	51	22.6							3
8	21.6							2	52	18.7							3
9	19.3							1	53	18.9							2
10	18.9							2	54	17.9							1
11	22.3							2	55	22.7							3
12	22.4							1	56	/							/
13	21.8							2	57	25.4							1
14	27.9							1	58	30.2	20.6	14.3	2.9	1.7	1.4	3.6	2
15	30.2	18.8	14.2	2	1.7	2.6	3.4	1	59	25.9			2.4	1.5	1.8	2.2	2
16	20.3							2	60	30.7	22.1	14.5	1.8	2.4	2	2.9	1
17	30.4	20.9		2.1	1.9	2.4	2.3	2	61	25.1	21	13.1	1.1	1.9	2.4	2.4	3
18	27.3	18.9	14.5	1.7	2.4	1.9	1.7	2	62	21.5			2.4	1.9	1.1	1.8	1
19	16.8	18.2	14.4					2	63	28.9	21.7	14.1	2.5	1.4	1.6	2.7	1
20	24.4			2.1	1.6	1.4	1.6	1	64	17.9							1
21	22.6							1	65	26.3	21.3	14.4					2
22	22.1							1	66	31.1	22.7	14.7	2.1	2	1.8	3.1	2
23	27.7			2.1	1.1	2.2	2.1	1	67	27.1	20.1	12.9	1.5	1.5	2.1	3	1
24	16							3	68	25.9	20.8	14.7					3
25	20.4							2	69	29.5	20.3	13					3
26	12.9							2	70	21.7	19.7	13.9					3
27	20.1							2	71	20.4	18	13.2					1
28	33.1	22.9		1.9	2	2.5	3.3	1	72	24.4	19.1	13.3	1.9	1.8	2.7	1.9	2
29	22							1	73	/							/
30	37.1	23.9						1	74	23.8	17.7	12.3					1
31	24.5	21.4	14.2					2	75	28	17.6						2
32	24.4	22	14.7					1	76	35.9	23.4						3
33	30.4	21.6	14.9					2	77	26.9							1
34	12	17.3	14.6					3	78	/							/
35	22.5							2	79	26.2							2
36	24.5							2	80	17.2							1
37	27.8							1	81	31.4	22.4		3	2.6	2.2	3.7	1
38	/							/	82	23.9							1
39	19.2	16.4	12.4					1	83	22.6							3
40	27.2			2.4	0.7	2.4	3	1	84	23.1							3
41	24.7			1.7	1.7	1.4	2.6	1	85	29.2	18.9		2	2.1	3	2.7	3
42	25.8			1.8	1.8	1.7	3.4	2	86	19.7	18.9	13.1					1
43	28.3	17.9		2.9	2.3	1.4	3.1	2	87	23.3			1.6	1.5	1.6	2.4	1
44	24.5			1.3	1.6	2.4	2.7	2	Suma	2005.3							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50899.75}{n}} =$$

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

