

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	20.9							3
2	26.5							1	46	26.3			1.1	1.9	2	2.3	1
3	22.7			1.5	2.3	1.8	1.5	1	47	25.3	18.2	13.2	1.8	1.9	1.3	2.7	2
4	18							1	48	29.6	19	13.3	3	2.5	1.7	2.1	2
5	27.5			1.7	2	1.1	3.2	1	49	22.3	18.1	14.5					1
6	32.3	23.3		1.4	2.4	1.8	3.2	1	50	/							/
7	29.4	18						1	51	22.5							3
8	21.3							2	52	18.8							3
9	19.1							1	53	18.9							2
10	18.9							2	54	17.8							1
11	22.5							2	55	22.6							3
12	22.6							1	56	/							/
13	21.6							2	57	25.4							1
14	27.7							1	58	30.3	20.1	14.3	3.2	1.8	1.3	4	2
15	30.1	19.1	14	2	1.2	3.1	3.6	1	59	26			2.2	1.7	1.8	2	2
16	20.2							2	60	30.7	22.4	14.4	1.8	2.4	2.3	2.7	1
17	30.8	21		1.7	1.9	2.4	2.3	2	61	25	21.2	12.8	1.3	1.6	2.3	2.6	3
18	27.2	18.9	14.6	1.5	2.1	1.9	1.7	2	62	21.5			2.4	1.4	0.8	1.8	1
19	16.9	18.1	14.6					2	63	28.7	21.9	13.7	2.7	1.7	1.7	2.8	1
20	24.3			2	1.6	1.6	1.7	1	64	18							1
21	22.7							1	65	26.4	21.3	14.2					2
22	22.4							1	66	31.2	22.9	14.8	2.3	2.2	2.1	2.9	2
23	27.6			2.3	1.3	2.3	2.1	1	67	26.9	20.2	12.7	1.7	2	2.3	3.2	1
24	16							3	68	26.1	21.3	14.7					3
25	20							2	69	29.3	20.2	13					3
26	13.1							2	70	21.9	19.6	13.9					3
27	19.9							2	71	20.6	18	12.8					1
28	33.3	23.2		1.9	2.2	2.5	3.5	1	72	24.4	19.6	13.2	1.9	1.7	2.9	1.8	2
29	22.1							1	73	/							/
30	36.9	23.7						1	74	23.6	18.2	12.3					1
31	24.9	21.6	14.1					2	75	27.8	17.6						2
32	24.3	22.1	15					1	76	35.5	23.5						3
33	30.8	21.1	15.1					2	77	26.5							1
34	12.3	17.6	14.3					3	78	/							/
35	22.4							2	79	26.3							2
36	24.3							2	80	16.7							1
37	28							1	81	31.8	22.7		2.7	2.7	2.2	3.8	1
38	/							/	82	23.9							1
39	19.4	16.2	12.2					1	83	22.5							3
40	26.9			2.5	0.8	2.5	3	1	84	23.1							3
41	24.9			1.9	2.3	1.4	2.3	1	85	28.8	19.1		1.9	1.9	2.8	2.7	3
42	25.7			1.6	1.9	1.4	3.4	2	86	19.8	18.9	13					1
43	28.5	17.6		2.5	2.2	1.4	2.9	2	87	23.2			1.5	1.4	1.8	2.3	1
44	24.7			1.4	1.3	2.4	2.6	2	Suma	2003.6							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50818.64}{n}} =$$

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

