

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	20.9							3
2	26.7							1	46	26.3			1.2	1.6	2.5	2.2	1
3	22.8			1.4	2.3	2.1	1.5	1	47	25.5	17.9	13	1.5	1.3	1.6	2.6	2
4	18							1	48	29.6	18.4	13.4	2.8	2.3	1.8	1.9	2
5	27.8			1.9	2	1.1	2.9	1	49	22.9	18.3	13.8					1
6	32.6	23.3		1.4	2.2	2	3.1	1	50	/							/
7	29.3	18.1						1	51	23							3
8	21.6							2	52	18.9							3
9	18.9							1	53	19							2
10	18.7							2	54	17.5							1
11	22.4							2	55	22.7							3
12	22.8							1	56	/							/
13	21.8							2	57	25.1							1
14	27.7							1	58	30.4	20.6	14.5	2.9	1.7	1.2	3.4	2
15	29.8	19.2	14.3	1.7	1.6	2.8	3.3	1	59	26.2			2.6	1.5	1.8	2.3	2
16	20.4							2	60	30.7	22.2	14.8	1.8	2.6	2.3	2.9	1
17	30.5	20.9		2.3	2	2.6	2.6	2	61	24.9	21	12.9	1.1	1.8	2.1	2.6	3
18	27	18.8	14.5	1.8	2.1	1.9	1.5	2	62	21.5			2.5	1.4	0.6	1.9	1
19	16.8	18.1	14.4					2	63	28.5	22	13.7	2.3	1.5	1.5	2.8	1
20	24.6			2.1	1.9	1.6	1.9	1	64	18							1
21	22.7							1	65	26.1	21.2	14.4					2
22	22.1							1	66	30.7	22.9	14.6	2.3	2.3	1.8	3	2
23	27.6			2.3	1.1	2.2	2.5	1	67	27.3	20	13.1	1.4	1.5	2.1	2.7	1
24	16.1							3	68	26	21	14.5					3
25	20							2	69	29.5	20.2	13					3
26	13.3							2	70	21.7	19.6	13.9					3
27	19.8							2	71	20.8	18.2	12.9					1
28	33.3	22.8		2.2	2.1	2.4	3.1	1	72	24.5	19.5	13.1	1.8	1.9	2.6	2.3	2
29	21.8							1	73	/							/
30	36.9	23.9						1	74	23.8	17.9	12.1					1
31	24.8	21.5	14.2					2	75	28	17.6						2
32	24.1	21.9	14.8					1	76	35.7	23.6						3
33	30.6	21.4	15.2					2	77	26.9							1
34	12.1	17.7	14.3					3	78	/							/
35	22.4							2	79	26.3							2
36	24							2	80	16.8							1
37	27.6							1	81	31.5	22.5		3	2.6	2.2	3.8	1
38	/							/	82	24.1							1
39	19.2	16.1	12.8					1	83	22.6							3
40	26.8			2.5	0.9	2.5	2.8	1	84	23							3
41	24.8			2	1.6	1.6	2.5	1	85	28.9	18.9		1.7	2.1	3.1	2.6	3
42	26			1.6	1.8	1.9	3.3	2	86	19.9	19	13.2					1
43	28.5	17.8		2.7	2.6	1.6	3.4	2	87	23.4			1.3	1.5	1.8	2.5	1
44	24.6			1.7	1.2	2.4	2.8	2	Suma	2004.6							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50861.28}{n}} =$$

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

