

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							3
2	26.6							1	46	26.2			0.9	1.9	2.4	2.1	1
3	22.7			1.4	2.2	1.7	1.4	1	47	25.4	18.1	13.1	1.4	1.8	1.6	2.6	2
4	18							1	48	29.5	18.7	13.3	2.8	2.4	1.8	2.1	2
5	27.6			1.6	2.1	1.5	2.7	1	49	22.6	18	14.3					1
6	32.4	23.3		1.5	2.3	1.9	3.3	1	50	/							/
7	29	18.3						1	51	22.9							3
8	21.5							2	52	18.7							3
9	19.1							1	53	19.1							2
10	18.8							2	54	17.9							1
11	22.7							2	55	22.7							3
12	22.3							1	56	/							/
13	21.8							2	57	25.5							1
14	27.6							1	58	30.2	20.2	14.5	2.9	1.5	1.3	3.6	2
15	29.8	19	14	1.6	1.7	3	3.3	1	59	25.9			2.4	1.5	1.7	2.2	2
16	20.4							2	60	30.8	22.1	14.3	1.6	2.4	2.1	2.8	1
17	30.3	20.7		2.3	2.3	2.4	2.4	2	61	25	21	13.1	1.3	2	2.4	2.8	3
18	27.1	19	14.3	1.7	2.2	1.8	1.6	2	62	21.6			2.1	1.5	0.8	1.7	1
19	16.7	18.3	14.3					2	63	28.8	21.9	13.9	2.4	1.5	1.8	2.9	1
20	24.6			2.2	1.7	1.8	1.5	1	64	17.9							1
21	22.8							1	65	26	21.4	14.3					2
22	22							1	66	31	22.8	14.8	2	2.1	2	3.1	2
23	27.6			1.8	0.9	2.2	2.4	1	67	27.1	19.7	13	1.6	1.5	2.2	3.1	1
24	15.9							3	68	25.9	21	14.3					3
25	20.2							2	69	29.3	20.1	13.2					3
26	13.1							2	70	21.5	19.7	13.9					3
27	20							2	71	20.8	18.3	12.9					1
28	33.2	22.9		1.8	2.2	2.8	3.4	1	72	24.5	19.1	12.8	2.3	1.7	2.5	2.3	2
29	21.6							1	73	/							/
30	36.7	23.7						1	74	23.7	18.2	12					1
31	24.7	21.6	14.4					2	75	28	17.7						2
32	24.1	21.9	15					1	76	36.1	23.8						3
33	30.2	21.4	14.9					2	77	26.9							1
34	12.2	17.5	14.3					3	78	/							/
35	22.3							2	79	26.2							2
36	24.4							2	80	16.7							1
37	27.7							1	81	31.3	22.6		2.6	2.6	1.9	3.7	1
38	/							/	82	23.9							1
39	19.1	16.2	12.7					1	83	22.2							3
40	27			2.2	1.1	2.2	2.8	1	84	23							3
41	24.8			1.8	1.7	1.5	2.4	1	85	28.9	18.9		2.2	2.2	2.7	2.5	3
42	26.1			1.7	2	1.8	3.4	2	86	20.1	18.8	13.1					1
43	28.4	17.7		2.9	2.3	1.6	3.5	2	87	23.5			1.6	1.3	1.6	2.5	1
44	24.6			1.9	1.5	2.1	2.3	2	Suma	2002.1							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50727.93}{n}} =$$

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

