

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	26.4							1	46	26.3			1.5	1.6	2.3	2.3	1
3	23			1.5	2.3	1.5	1.5	1	47	25.3	18	13.1	1.4	1.5	1.4	2.6	2
4	17.9							1	48	29.4	18.7	13.2	2.9	2.5	1.6	2.2	2
5	27.8			1.6	2.1	1	2.9	1	49	22.7	18.1	14.1					1
6	32.3	23.3		1.4	2.3	1.9	3.5	1	50	/							/
7	29	17.9						1	51	22.8							3
8	21.7							2	52	18.8							3
9	18.7							1	53	18.9							2
10	19							2	54	17.7							1
11	22.6							2	55	22.7							3
12	22.4							1	56	/							/
13	21.9							2	57	25.7							1
14	27.6							1	58	30.3	20.5	14.2	2.7	1.9	1.6	3.7	2
15	29.9	19.3	13.8	1.9	1.5	3.1	3.7	1	59	26			2.7	1.6	1.7	2.1	2
16	20.2							2	60	30.7	22	14.4	1.8	2.5	2.2	3.1	1
17	30.3	20.9		2	1.7	2.3	2.5	2	61	25.1	21.3	13.4	1.3	1.8	2.2	2.7	3
18	27.1	19	14.7	1.7	2.2	2	1.5	2	62	21.6			2.6	1.7	0.9	1.9	1
19	16.8	18.5	14.3					2	63	28.9	22.1	14.1	2.5	1.2	2.1	2.7	1
20	24.3			1.9	1.5	1.5	1.7	1	64	18							1
21	23							1	65	25.9	21.4	14.3					2
22	22							1	66	30.9	22.8	14.7	2.3	2.5	2.3	3	2
23	27.9			2.2	1.1	2.6	2.1	1	67	27.2	19.9	13	1.8	1.8	2.2	3.3	1
24	15.9							3	68	25.8	20.7	14.4					3
25	20							2	69	29.5	20.3	13.3					3
26	13							2	70	21.6	19.6	13.9					3
27	20.1							2	71	20.7	18.1	13					1
28	33.3	22.9		1.8	2.5	2.8	3.9	1	72	24.4	19.3	12.9	1.9	1.9	2.6	2	2
29	21.9							1	73	/							/
30	36.9	23.7						1	74	23.6	18.4	12.3					1
31	24.7	21.3	14.3					2	75	27.5	18						2
32	24.3	21.9	15.3					1	76	35.7	23.6						3
33	30.2	21.2	15.3					2	77	26.4							1
34	12.3	17.6	14.5					3	78	/							/
35	22.4							2	79	26.2							2
36	24.4							2	80	16.9							1
37	27.7							1	81	31.7	22.7		2.5	2.7	2.1	3.7	1
38	/							/	82	24							1
39	19.2	16.2	12.5					1	83	22.2							3
40	27.1			2.7	1.3	2.3	2.6	1	84	23.1							3
41	24.7			2	1.8	1.5	2.4	1	85	29.2	18.6		1.8	2.2	3	2.7	3
42	25.6			1.9	1.7	1.9	3.3	2	86	19.9	18.6	13					1
43	28	18		2.8	2.3	1.5	3.3	2	87	23.2			1.7	1.4	1.7	2.4	1
44	24.8			2	1.4	2.4	2.2	2	Suma	2002							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50722.94}{n}} =$$

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*

