

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	26.3							1	45	20.9							3
2	26.5							1	46	26.4			1.3	1.9	2.1	2.2	1
3	22.8			1.4	2.3	1.9	1.5	1	47	25.1	18.2	13.2	1.6	1.6	1.5	2.7	2
4	18.3							1	48	29.4	18.7	13.3	2.6	2.3	1.8	2.4	2
5	27.5			1.8	2	1.3	3.1	1	49	22.5	18.2	14.2					1
6	32.4	23.3		1.4	2.4	2.2	3.4	1	50	/							/
7	28.9	18.2						1	51	22.9							3
8	21.5							2	52	18.7							3
9	19.1							1	53	18.9							2
10	18.8							2	54	17.7							1
11	22.4							2	55	22.6							3
12	23							1	56	/							/
13	22.1							2	57	25.4							1
14	27.9							1	58	30.6	20.8	14.4	3.1	1.9	1.5	3.9	2
15	30.1	19	14	1.5	1.5	3	3.5	1	59	25.8			2.5	1.5	1.7	2.3	2
16	20							2	60	30.8	22.1	14.8	1.6	2.5	2	2.9	1
17	30.6	21		2	2.1	2.4	2.3	2	61	25.1	21.3	13.2	1.1	1.9	2.3	2.5	3
18	27.1	19.2	14.6	1.8	2.3	2	1.5	2	62	21.5			2.3	1.6	0.9	1.6	1
19	16.9	18.1	14.3					2	63	28.8	21.8	14	2.6	1.4	1.4	2.7	1
20	24.4			2.2	2.1	1.4	1.8	1	64	17.9							1
21	22.8							1	65	26.1	21.4	14.5					2
22	21.9							1	66	31	22.7	14.9	2.1	2.3	1.9	3	2
23	27.5			2.3	1.3	2.4	2.3	1	67	27.1	20.1	13	1.7	2.1	1.9	3.3	1
24	16.1							3	68	25.9	21.1	14.4					3
25	20							2	69	29.4	20.3	13.3					3
26	13.5							2	70	21.9	19.5	13.8					3
27	19.9							2	71	20.9	18.2	12.9					1
28	33.2	22.9		2.2	1.9	2.7	3.6	1	72	24.3	19.3	13.3	2.1	1.9	2.6	2.1	2
29	21.8							1	73	/							/
30	36.7	24						1	74	23.6	18.1	12.5					1
31	24.8	21.6	14.4					2	75	27.9	17.7						2
32	24.2	22.1	14.8					1	76	35.9	23.7						3
33	30.5	21.3	15					2	77	26.8							1
34	12.2	17.7	14.3					3	78	/							/
35	22.5							2	79	26.2							2
36	24.2							2	80	16.8							1
37	27.8							1	81	32.1	22.6		2.8	2.8	2.1	4	1
38	/							/	82	24.1							1
39	19.3	16.2	12.5					1	83	22.5							3
40	27.2			2.6	0.9	2.2	2.9	1	84	23.2							3
41	25			1.8	2.2	1.4	2.5	1	85	29	19.4		2	1.9	2.9	2.5	3
42	25.7			1.6	1.9	1.6	3.5	2	86	19.9	18.8	12.7					1
43	28.2	17.7		2.5	2.5	1.5	3.1	2	87	23.3			1.7	1.3	1.5	2.3	1
44	24.7			1.9	1.6	2.5	2.6	2	Suma	2005.2							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50883.98}{n}} =$$

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*

