

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	21.1							3
2	26.5							1	46	26.1			1.4	2.1	2.3	2	1
3	22.9			1.6	2.4	1.8	1.5	1	47	25.4	17.8	13	1.2	1.7	1.5	2.7	2
4	17.8							1	48	29.4	18.7	13.4	3	2.2	1.8	2.1	2
5	27.7			1.8	2.2	1.2	3.1	1	49	22.8	18.4	14.1					1
6	32.4	23.2		1.4	2.1	1.9	3.1	1	50	/							/
7	29.1	18.1						1	51	22.4							3
8	21.5							2	52	18.6							3
9	18.6							1	53	19.4							2
10	18.8							2	54	17.7							1
11	22.6							2	55	22.7							3
12	22.5							1	56	/							/
13	21.8							2	57	25.4							1
14	27.7							1	58	30.5	20.2	14.2	2.7	1.8	1.2	4	2
15	30	19.1	13.9	1.6	1.5	3	3.4	1	59	25.9			2.1	1.5	1.8	2.1	2
16	20.4							2	60	30.6	21.9	14.9	1.8	2.7	2.1	3.1	1
17	30.4	21		1.9	1.8	2.4	2.5	2	61	25	21.3	13.2	1.2	1.9	2.5	2.6	3
18	27.3	18.9	14.4	1.5	2.3	1.8	1.6	2	62	21.6			2.4	1.9	0.8	1.6	1
19	16.6	18.3	14.4					2	63	28.7	22.1	14.1	2.4	1.5	1.6	3.1	1
20	24.6			1.9	1.6	1.8	1.4	1	64	17.9							1
21	22.7							1	65	26	21.5	14.2					2
22	22.1							1	66	30.8	22.8	14.7	2.3	2.3	2.3	2.7	2
23	27.9			2.3	1.5	2.4	2.1	1	67	26.9	20.1	13.4	1.4	1.5	2.7	3	1
24	15.8							3	68	26	21.1	14.4					3
25	20							2	69	29.3	20.3	13.5					3
26	13.1							2	70	21.6	19.8	13.7					3
27	20							2	71	20.7	18.2	12.7					1
28	33.3	23		1.8	1.9	2.6	3.7	1	72	24.3	19.3	13.1	1.9	1.9	2.3	2	2
29	21.7							1	73	/							/
30	36.8	23.9						1	74	23.8	18.1	12.1					1
31	24.9	21.5	14.3					2	75	28.1	17.7						2
32	24.1	22	14.9					1	76	35.8	23.7						3
33	30.3	21.3	14.8					2	77	26.9							1
34	12.1	17.6	14.6					3	78	/							/
35	22.3							2	79	26.3							2
36	24							2	80	17.1							1
37	27.8							1	81	31.9	22.7		2.8	2.7	1.8	4	1
38	/							/	82	24.1							1
39	19.2	15.9	12.6					1	83	22.4							3
40	26.9			2.6	0.7	2.6	2.9	1	84	23.2							3
41	24.7			1.9	1.9	1.6	2.4	1	85	29.1	18.9		2.2	2.1	3	2.9	3
42	25.6			1.7	1.9	1.8	3.6	2	86	19.7	18.7	13.3					1
43	28.6	18.2		3	2.2	1.4	3.4	2	87	22.9			1.4	1.3	1.8	2.6	1
44	24.8			1.9	1.6	2.2	2.7	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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50753.71}{n}} =$$

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*

