

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	21.1							3
2	26.6							1	46	26.1			1.2	1.9	2.6	2.2	1
3	22.7			1.4	2.6	1.9	1.5	1	47	25.1	17.7	12.6	1.6	1.7	1.4	2.6	2
4	17.5							1	48	29.3	18.5	13.6	2.8	2.6	1.6	2.3	2
5	28.1			1.7	2.1	1.2	3	1	49	22.5	18	14					1
6	32.4	23.1		1.1	2.3	1.9	3.4	1	50	/							/
7	29.2	18.3						1	51	22.8							3
8	21.5							2	52	18.8							3
9	19							1	53	19							2
10	18.8							2	54	17.8							1
11	22.8							2	55	22.7							3
12	22.3							1	56	/							/
13	21.8							2	57	25.5							1
14	28.1							1	58	30.4	20.6	14.2	2.8	1.8	1.4	3.9	2
15	30.1	19	13.7	1.7	1.5	3	3.5	1	59	25.9			2.7	1.5	1.6	2.1	2
16	20.1							2	60	30.8	22.3	14.5	1.8	2.5	2.1	2.5	1
17	30.6	21		2.3	1.9	2	2.4	2	61	25.1	21.2	13.1	1.1	2	2.5	2.8	3
18	27.2	19	14.6	1.7	2.1	2.3	1.6	2	62	21.5			2.3	1.6	0.7	1.6	1
19	16.9	17.9	14.4					2	63	28.7	21.9	13.8	2.2	1.3	1.7	3	1
20	24.3			2	1.7	1.7	1.7	1	64	18.2							1
21	23							1	65	26.1	21.2	14.6					2
22	22							1	66	31	22.9	14.6	2	2.1	1.9	3	2
23	27.9			2	1.2	2.4	2	1	67	27	20	12.5	1.6	1.9	2.1	2.8	1
24	15.9							3	68	25.8	21.3	14.4					3
25	20.2							2	69	29.7	20.4	13.3					3
26	13.1							2	70	21.6	19.9	13.8					3
27	19.8							2	71	20.6	18	12.9					1
28	33.1	22.8		2.1	2.1	2.4	3.4	1	72	24.3	19.5	13.3	1.9	1.8	2.7	2	2
29	21.7							1	73	/							/
30	36.9	23.8						1	74	23.9	17.9	12.4					1
31	24.7	21.9	14.2					2	75	28	17.8						2
32	24.4	21.7	14.7					1	76	36	23.6						3
33	30.5	21.5	14.8					2	77	26.7							1
34	11.9	17.8	14.4					3	78	/							/
35	22.5							2	79	26.4							2
36	24.6							2	80	16.8							1
37	27.6							1	81	31.9	22.7		2.6	3.1	1.7	3.6	1
38	/							/	82	24.1							1
39	19.3	16.1	12.8					1	83	22.4							3
40	27.2			2.6	1.2	2.4	2.9	1	84	23							3
41	24.7			1.7	2.1	1.6	2.7	1	85	28.9	19.1		1.7	2.4	3.1	2.8	3
42	25.9			1.7	1.8	1.4	3.3	2	86	19.7	18.6	13.2					1
43	28.2	17.8		2.5	2.4	1.4	3.3	2	87	23.2			1.4	1.3	1.8	2.5	1
44	24.7			1.9	1.4	2.3	2.8	2	Suma	2004.5							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50889.85}{n}} =$$

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*

