

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	25.9			1.2	2	2.1	2	1
3	22.7			1.4	2.3	1.9	1.6	1	47	25.5	18	13	1.6	1.7	1.3	2.7	2
4	17.9							1	48	29.7	18.3	13.5	2.6	2.4	1.8	2.2	2
5	27.9			1.6	1.7	1.2	3.1	1	49	22.8	18.4	14.3					1
6	32.5	23.4		1.4	1.9	2.2	3.1	1	50	/							/
7	28.9	18.2						1	51	22.8							3
8	21.6							2	52	18.8							3
9	18.6							1	53	18.9							2
10	18.7							2	54	17.5							1
11	22.7							2	55	22.7							3
12	22.6							1	56	/							/
13	22							2	57	25.4							1
14	28.2							1	58	30.5	20.4	14.5	2.8	1.9	1.3	3.7	2
15	30.2	19.2	14	1.6	1.7	2.7	3.3	1	59	26.1			2.4	1.3	1.8	2.3	2
16	20.4							2	60	30.6	22.3	14.3	1.9	2.5	2.2	3	1
17	30.2	21		2	2	2.6	2.4	2	61	25.1	21.1	13.2	1.5	1.9	2.3	2.1	3
18	27	19.1	14.5	1.9	2.1	1.8	1.4	2	62	21.4			2.4	1.5	0.9	1.8	1
19	17.1	18.4	14.7					2	63	29	22.1	14	2.3	1.2	2	2.8	1
20	24.5			2.3	1.6	1.7	1.9	1	64	17.9							1
21	22.5							1	65	26.2	21.4	14.4					2
22	22.2							1	66	31.1	22.7	14.7	2.4	2.4	1.9	3	2
23	27.6			1.7	1.3	2.4	2	1	67	26.8	19.9	13	1.3	1.6	2.2	3.1	1
24	16.3							3	68	25.9	21.3	14.5					3
25	20.1							2	69	29.5	20	13.5					3
26	13.3							2	70	21.7	20	13.9					3
27	19.7							2	71	20.7	18.2	13.2					1
28	33.3	23		2.1	2.2	2.4	3.5	1	72	24.4	19.2	12.8	1.8	1.8	2.8	2.2	2
29	21.8							1	73	/							/
30	37	23.7						1	74	23.6	18.1	12.2					1
31	25	21.8	14.3					2	75	28	17.8						2
32	24.2	21.9	15.1					1	76	35.7	23.5						3
33	30.7	21.7	15.1					2	77	26.5							1
34	12.1	17.5	14.4					3	78	/							/
35	22.5							2	79	26.4							2
36	24.3							2	80	17.1							1
37	27.8							1	81	32.1	22.5		3.3	2.7	1.8	3.5	1
38	/							/	82	23.9							1
39	19.1	16.3	12.6					1	83	22.6							3
40	27.2			2.6	1.2	2.5	2.8	1	84	22.8							3
41	24.4			1.7	2	1.3	2.5	1	85	29	18.9		1.8	1.8	3	2.6	3
42	26.1			1.7	1.6	1.7	3.5	2	86	19.9	18.6	13.1					1
43	28	17.9		2.5	2.2	1.5	3	2	87	23.2			1.6	1.4	1.6	2.6	1
44	24.6			1.9	1.5	2.4	2.3	2	Suma	2004.9							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50893.49}{n}} =$$

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*

