

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	45	21							3
2	26.2							1	46	26.1			0.9	1.6	2.4	2.1	1
3	22.5			1.9	2.2	1.7	1.5	1	47	25.5	18	12.9	1.7	1.4	1.3	2.8	2
4	18.1							1	48	29.6	18.8	13.2	2.9	2.2	2.1	2.1	2
5	27.5			1.5	2.2	1.4	3.2	1	49	22.4	18.3	14					1
6	32.2	23.2		1.6	2.4	2	3.5	1	50	/							/
7	29	18						1	51	22.7							3
8	21.6							2	52	18.8							3
9	18.9							1	53	19.1							2
10	18.9							2	54	17.9							1
11	22.7							2	55	22.7							3
12	22.5							1	56	/							/
13	21.8							2	57	25.5							1
14	28.3							1	58	30.4	20.5	14.2	2.8	1.8	1.6	4	2
15	30.1	19.2	14	1.8	1.5	3.3	3.4	1	59	25.7			2.3	1.5	2	2.1	2
16	20.3							2	60	30.8	22.3	14.6	2	2.7	2.4	2.6	1
17	30.5	20.9		2.2	2	2.4	2	2	61	25.1	21	13.3	1.3	1.9	2.4	2.6	3
18	27.4	18.7	14.6	1.8	2.2	2.1	1.6	2	62	21.6			2.4	1.8	0.8	1.7	1
19	16.8	18	14.5					2	63	28.8	21.9	14.1	2.4	1.6	1.4	2.6	1
20	24.4			2.1	1.9	1.6	1.8	1	64	18							1
21	22.7							1	65	26.2	21.3	14.4					2
22	22							1	66	30.8	22.6	14.7	2.2	2.2	2.1	3	2
23	27.9			2.1	1.2	2.4	2.1	1	67	27.1	19.9	13.1	1.6	1.7	2	3.3	1
24	16.2							3	68	26.2	20.8	14.3					3
25	20.1							2	69	29.8	20.4	13.4					3
26	13.3							2	70	21.5	20.1	13.7					3
27	20							2	71	20.5	18.2	13.2					1
28	33.1	23.2		2	2.1	2.5	3.3	1	72	24.2	19.3	13.2	1.9	1.9	2.9	2.2	2
29	21.7							1	73	/							/
30	37	23.8						1	74	23.8	18.1	12.2					1
31	24.8	21.6	14.4					2	75	28.1	17.2						2
32	24.2	21.7	14.9					1	76	35.8	23.5						3
33	30.6	21.5	15					2	77	26.6							1
34	12.3	17.3	14.3					3	78	/							/
35	22.3							2	79	26.5							2
36	24.3							2	80	17							1
37	27.9							1	81	32.1	22.5		2.7	2.9	2.2	3.6	1
38	/							/	82	24							1
39	19.2	16.3	12.9					1	83	22.9							3
40	27.3			2.6	1.1	2.5	2.8	1	84	23							3
41	25			1.7	1.6	1.1	2.7	1	85	29	19.2		1.8	1.8	2.6	2.6	3
42	25.9			1.6	1.8	2	3.5	2	86	19.8	18.8	13.1					1
43	28.2	17.9		2.5	2.2	1.3	3.2	2	87	23.2			1.1	1.3	1.4	2.6	1
44	24.8			1.7	1.4	2.2	2.6	2	Suma	2006.3							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50949.71}{n}} =$$

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*

