

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	26.2							1	45	21							3
2	26.6							1	46	26.2			1.4	1.9	2.4	2	1
3	22.5			1.6	2.2	1.6	1.7	1	47	25.5	18	13	1.5	1.6	1.4	2.5	2
4	17.9							1	48	29.4	18.6	13.2	2.5	2.1	1.6	2.2	2
5	27.9			1.7	1.9	1	2.6	1	49	22.6	18	14.1					1
6	32.4	23.5		1.4	2.3	2.1	3.3	1	50	/							/
7	28.9	18.3						1	51	22.5							3
8	21.7							2	52	19							3
9	19.1							1	53	18.9							2
10	18.6							2	54	17.4							1
11	22.6							2	55	22.7							3
12	22.3							1	56	/							/
13	21.5							2	57	25.2							1
14	27.7							1	58	30.5	20.1	14.3	2.6	2	1.4	3.6	2
15	30	19.3	14	1.7	1.3	3	3.3	1	59	25.8			2.4	1.4	1.8	2.2	2
16	20.2							2	60	30.7	22	14.6	1.8	2.6	2.2	2.7	1
17	30.5	21.1		1.7	2	2.3	2.3	2	61	25	21.3	13.3	0.9	1.7	2.1	2.8	3
18	27	19.2	14.3	1.7	2.3	1.9	1.7	2	62	21.4			2.6	1.5	0.8	1.5	1
19	16.8	18.2	14.5					2	63	28.6	21.7	14.3	2.5	1.7	2	2.7	1
20	24.4			2.1	1.4	1.6	1.6	1	64	18.2							1
21	23							1	65	26.1	21.4	14.6					2
22	22							1	66	30.9	22.8	14.7	2.3	1.9	1.9	3.2	2
23	27.5			2.1	1.1	2.2	2	1	67	27	20	13.1	1.6	1.5	2.2	2.7	1
24	16.1							3	68	25.9	21	14.5					3
25	20							2	69	29.6	20.1	13.1					3
26	13.2							2	70	21.8	19.5	14					3
27	20							2	71	20.5	18	13.1					1
28	33	22.8		1.8	2	2.7	3.6	1	72	24.4	19.2	13.1	1.7	1.7	2.7	1.9	2
29	21.8							1	73	/							/
30	37.1	23.9						1	74	23.5	18.1	12.1					1
31	24.5	21.5	14.1					2	75	28.1	17.9						2
32	24.2	22.2	15					1	76	35.7	23.6						3
33	30.4	21.2	14.9					2	77	26.8							1
34	12	17.6	14.4					3	78	/							/
35	22.6							2	79	26.2							2
36	24.4							2	80	16.9							1
37	27.8							1	81	31.7	22.6		2.8	2.7	2	3.8	1
38	/							/	82	23.7							1
39	19.3	16.3	12.7					1	83	22.3							3
40	27			2.5	0.9	2.3	3.1	1	84	23.1							3
41	24.6			2	1.9	1.3	2.5	1	85	29.1	19		1.7	2	3.1	2.7	3
42	25.7			1.6	1.7	1.7	3.4	2	86	20	18.8	12.9					1
43	28.3	17.8		2.5	2.4	1.2	3.1	2	87	23.4			1.5	1.5	1.7	2.5	1
44	24.7			1.8	1.5	2.5	2.7	2	Suma	2001.3							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50704.89}{n}} =$$

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*

