

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	27							1	46	26.2			1.3	1.7	2.4	2	1
3	22.9			1.3	2.2	1.9	1.7	1	47	25.3	18.1	12.7	1.5	1.4	1.4	2.7	2
4	18.1							1	48	29.5	18.8	13.2	2.8	2.7	1.8	2	2
5	27.6			1.9	2	1.3	3.1	1	49	22.8	18.2	14					1
6	32.2	22.9		1.3	2.3	1.9	3.4	1	50	/							/
7	29	18						1	51	22.6							3
8	21.6							2	52	18.6							3
9	19							1	53	18.9							2
10	18.9							2	54	17.6							1
11	22.6							2	55	22.5							3
12	22.3							1	56	/							/
13	22							2	57	25.6							1
14	27.7							1	58	30.4	20.6	14.3	2.9	1.9	1.6	3.9	2
15	29.9	19	14	1.9	1.4	2.8	3.4	1	59	25.8			2.3	1.6	1.5	2.1	2
16	20.3							2	60	30.9	22.3	14.3	1.9	2.4	2	2.7	1
17	30.3	20.9		1.8	2.1	2.5	2.3	2	61	25.2	20.8	13.4	1.3	1.7	2.1	2.6	3
18	27.1	19.1	14.5	1.7	2.4	2.1	1.8	2	62	21.5			2.4	1.5	1	1.6	1
19	16.9	18.1	14.3					2	63	28.9	22	14.1	2.4	1.1	1.7	3.1	1
20	24.2			2.2	1.6	1.8	1.9	1	64	17.9							1
21	22.7							1	65	25.8	21.2	14.6					2
22	22.2							1	66	31.1	22.9	14.8	2.2	2.1	2.1	3	2
23	27.7			2	1.1	2.4	2.2	1	67	27	19.8	13.1	1.7	1.6	2.3	3	1
24	15.7							3	68	25.9	21	14.5					3
25	19.7							2	69	29.6	20.2	13.2					3
26	13.2							2	70	21.9	19.6	14					3
27	20.1							2	71	20.8	18.2	13					1
28	33.2	23		1.9	2	2.5	3.5	1	72	24.1	19.3	13	2.1	1.7	2.9	2.3	2
29	21.9							1	73	/							/
30	36.9	23.8						1	74	23.9	18	12.5					1
31	24.8	21.3	14.1					2	75	27.8	17.7						2
32	24.1	21.8	15					1	76	35.7	23.7						3
33	30.1	21.2	15					2	77	26.8							1
34	12.3	17.6	14.6					3	78	/							/
35	22.4							2	79	26.2							2
36	24.2							2	80	16.8							1
37	27.8							1	81	31.7	22.5		2.9	2.2	1.8	4	1
38	/							/	82	23.9							1
39	19.1	16.2	12.6					1	83	22.6							3
40	27.2			2.6	0.8	2	2.9	1	84	23.3							3
41	24.9			1.9	2.1	1.5	2.5	1	85	28.8	19		2	2.2	2.8	2.8	3
42	26			1.8	1.8	1.8	3.6	2	86	19.7	18.6	12.9					1
43	28.2	17.5		2.8	2.1	1.3	3.1	2	87	23.1			1.6	1.5	2	2.7	1
44	24.5			1.9	1.6	2.5	2.4	2	Suma	2002.4							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50752}{n}} =$$

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*

