

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	20.6							3
2	26.4							1	46	26.3			1.2	2	2.4	1.9	1
3	22.5			1.4	2.5	1.5	1.5	1	47	25.4	17.7	13	1.5	1.7	1.6	2.8	2
4	18							1	48	29.5	18.7	13.2	2.8	2.2	1.8	2	2
5	27.7			1.5	2.2	1.3	2.9	1	49	22.4	18.4	13.8					1
6	32.3	23.2		1.5	2.3	1.9	3.4	1	50	/							/
7	28.8	18.1						1	51	22.6							3
8	21.6							2	52	18.8							3
9	18.9							1	53	19.2							2
10	18.6							2	54	17.5							1
11	22.5							2	55	22.8							3
12	22.3							1	56	/							/
13	21.6							2	57	25.3							1
14	27.6							1	58	30.5	20.5	14.1	3.3	1.8	1.4	3.7	2
15	30.2	19	14	1.5	1.5	3	3.3	1	59	26			2.7	1.5	1.9	2.1	2
16	20.3							2	60	30.8	22.2	14.5	1.6	2.5	2	2.8	1
17	30.3	21		1.9	2.1	2.1	2.4	2	61	24.9	21.2	12.9	1	1.8	2.3	2.7	3
18	26.9	18.8	14.4	1.9	2.1	2.1	1.7	2	62	21.4			2.6	1.4	0.9	1.6	1
19	17	18.5	14.3					2	63	28.7	22.2	14	2.6	1.1	1.8	3	1
20	24.1			2.2	1.8	1.8	1.9	1	64	17.8							1
21	22.7							1	65	26.4	21.2	14.2					2
22	21.8							1	66	30.7	22.7	14.8	2.1	2.1	2	2.8	2
23	27.6			2.2	1.4	2.5	2	1	67	26.7	20	12.9	1.6	1.5	2.1	3.3	1
24	15.5							3	68	25.8	20.9	14.4					3
25	20.2							2	69	29.1	20.2	13.3					3
26	13.3							2	70	21.7	19.6	14					3
27	20.1							2	71	20.7	18.2	13					1
28	33.1	23.1		2	2.3	2.6	3.3	1	72	24.2	19.4	13	1.8	1.7	3.1	2	2
29	21.8							1	73	/							/
30	36.7	23.8						1	74	23.7	18	12.7					1
31	24.9	21.6	14.6					2	75	27.8	17.5						2
32	24.2	22	14.9					1	76	35.7	23.6						3
33	30.6	21.4	15					2	77	26.7							1
34	12	17.9	14.4					3	78	/							/
35	22.2							2	79	26.3							2
36	24.3							2	80	17.1							1
37	27.6							1	81	31.9	22.8		2.9	2.7	1.9	3.9	1
38	/							/	82	23.9							1
39	19	16.3	12.4					1	83	22.5							3
40	27			2.3	1.1	2.3	2.8	1	84	23.1							3
41	25			1.9	1.9	1.5	2.8	1	85	29.3	19		2	2.2	3.1	2.7	3
42	25.6			1.7	1.8	1.7	3.4	2	86	19.8	18.8	13.2					1
43	28.4	17.9		2.9	2.5	1.5	3.2	2	87	23.1			1.4	1.2	1.6	2.5	1
44	24.8			1.9	1.5	2.4	2.7	2	Suma	1998.7							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50577.01}{n}} =$$

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*

