

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	20.8							3
2	26.5							1	46	26.1			1.4	1.9	2.2	2.1	1
3	22.6			1.6	2.3	1.6	1.5	1	47	25.4	18.1	12.8	1.4	1.6	1.3	2.7	2
4	18							1	48	29.4	18.6	13.1	2.9	2.2	2	2.1	2
5	27.6			1.8	2.1	1.4	2.9	1	49	22.7	18.4	14.3					1
6	32.1	23.4		1.2	2.5	2	3.6	1	50	/							/
7	29.1	18						1	51	22.8							3
8	21.4							2	52	18.8							3
9	19							1	53	19							2
10	18.8							2	54	17.7							1
11	22.8							2	55	22.7							3
12	22.5							1	56	/							/
13	21.7							2	57	25.6							1
14	27.6							1	58	30.4	20.6	14.2	2.9	2	1.6	3.9	2
15	30	19	13.9	1.5	1.7	2.7	3.5	1	59	26			2.3	1.2	1.9	2	2
16	20.4							2	60	31	22	14.5	1.7	2.5	2.1	3.2	1
17	30.5	21		2.2	2.1	2.4	2.6	2	61	25.3	20.9	13.2	1.1	1.9	2.3	2.6	3
18	27.3	19.1	14.4	1.6	2.2	2.3	1.4	2	62	21.5			2.1	1.5	0.6	1.4	1
19	16.8	18.4	14.4					2	63	28.8	22.1	14	2.6	1.2	1.6	2.6	1
20	24.6			2	1.6	1.5	1.8	1	64	17.9							1
21	22.6							1	65	26.2	21.3	14.4					2
22	22.2							1	66	30.9	22.7	14.9	2.2	2.1	1.9	3	2
23	27.8			2	1.2	2.7	2.2	1	67	27	20.2	13.2	1.7	1.8	2.3	3.1	1
24	16.3							3	68	25.9	21.2	14.3					3
25	20.3							2	69	29.6	19.9	13.1					3
26	13.2							2	70	21.7	19.6	13.7					3
27	20							2	71	20.6	18.1	13.1					1
28	33.5	23.1		1.9	2.3	2.7	3.4	1	72	24.3	19.1	13	2.1	1.6	2.7	1.8	2
29	22							1	73	/							/
30	37	23.8						1	74	23.6	17.9	12.1					1
31	24.9	21.4	14.4					2	75	28.2	17.9						2
32	24.2	21.7	14.9					1	76	35.9	23.9						3
33	30.2	21.3	15.1					2	77	26.8							1
34	12.3	17.7	14.2					3	78	/							/
35	22.4							2	79	26.1							2
36	24.2							2	80	17							1
37	27.9							1	81	31.8	22.6		2.8	2.8	2	3.8	1
38	/							/	82	23.9							1
39	19.3	16.2	12.5					1	83	22.6							3
40	27.1			2.4	0.7	2.6	2.9	1	84	23							3
41	24.9			2	2	1.3	2.5	1	85	29.1	19.1		1.9	1.7	2.7	2.7	3
42	25.6			1.8	1.5	2.1	3.6	2	86	20.2	18.8	13.1					1
43	28.4	17.6		2.6	2.4	1.6	3.1	2	87	23.2			1.6	1.7	1.9	2.1	1
44	24.6			1.9	1.3	2.3	2.7	2	Suma	2005.9							

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:

$$d_g = \sqrt{\frac{\sum_1^n d^2}{n}} = \sqrt{\frac{\sum_1^n 50923.11}{n}} =$$

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*

