

Ionescu D.T., Hodor C.V., Petrișan I.C., Baltag E.Ș., 2024. The importance of standing deadwood in white-backed woodpecker (*Dendrocopos leucotos*) habitat from deciduous forests in central Romania

**Table S1.** Main characteristics of snags (deadwood standing trees): density (number of snags per hectare), DBH, height, volume and basal area. KW-H test values refer to the statistical value for the Kruskal–Wallis tests and p-value is the probability value associated to KW\_H test that showed the significant differences between plots with white-backed woodpecker (WBW) and plots without white-backed woodpecker (No WBW)

Variable	Mean		Med		Min		Max		Rg		St. dev		St. er		KW-H test	p-value
	No WBW	WbW	No WBW	WbW	No WBW	WbW	No WBW	WbW	No WBW	WbW	No WBW	WbW	No WBW	WbW		
Elevation, m a.s.l.	723.3	871.2	700.0	840.0	570.0	610.0	970.0	1220.0	400.0	610.0	95.6	222.0	24.6	78.5	1.93	0.165
Snags (>10 cm, <70 yr), no.ha <sup>-1</sup>	47.7	-	37.1	-	0.0	-	113.1	-	113.1	-	45.6	-	18.6	-	-	-
Snags (>10 cm, >70 yr), no.ha <sup>-1</sup>	17.3	31.3	17.7	28.9	3.5	14.1	31.8	49.5	28.3	35.3	9.9	13.4	3.3	4.7	6.84	<b>0.008</b>
Snags (>10 cm, all trees), no.ha <sup>-1</sup>	29.4	31.3	17.6	28.2	0.0	14.1	113.1	49.5	113.1	35.3	32.2	13.4	8.3	4.7	1.68	0.195
Snags (>20 cm, <70 yr), no.ha <sup>-1</sup>	1.1	-	0.0	-	0.0	-	7.1	-	7.1	-	2.9	-	1.2	-	-	-
Snags (>20 cm, >70 yr), no.ha <sup>-1</sup>	9.0	22.5	10.6	21.2	0.0	7.0	21.2	42.4	21.2	35.3	6.4	10.8	2.1	3.8	8.84	<b>0.089</b>
Snags (>20 cm, all stands), no.ha <sup>-1</sup>	5.8	22.5	3.5	21.2	0.0	7.1	21.2	42.4	21.2	35.3	6.5	10.8	1.6	3.8	10.89	<b>0.001</b>
Snags (>40 cm, <70 yr), no.ha <sup>-1</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Snags (>40 cm, >70 yr), no.ha <sup>-1</sup>	1.6	10.2	0.0	12.4	0.0	0.0	7.1	17.6	7.1	17.7	2.5	7.8	0.8	2.7	5.05	<b>0.002</b>
Snags (>40 cm, all stands), no.ha <sup>-1</sup>	0.9	10.2	0.0	12.4	0.0	0.0	7.1	17.6	7.1	17.7	2.1	7.8	0.5	2.7	8.64	<b>0.003</b>
Height (<70 yr), m	11.8	-	10.9	-	9.3	-	14.6	-	5.3	-	2.2	-	0.9	-	-	-
Height (>70 yr), m	11.8	11.7	13.0	11.8	4.0	7.0	16.0	15.7	12.0	8.7	4.1	2.9	1.4	1.0	0.04	0.847
Height (all stands), m	11.8	11.7	12.3	11.8	4.0	7.0	16.0	15.7	12.0	8.7	3.4	2.9	0.9	1.0	0.02	0.891
DBH (>10 cm, <70 yr), cm	16.6	-	13.0	-	11.5	-	33.0	-	21.4	-	9.2	-	4.1	-	-	-
DBH (>10 cm, >70 yr), cm	22.3	34.4	20.1	31.9	14.6	18.0	35.6	61.7	21.0	43.6	6.9	14.1	2.3	4.9	4.08	<b>0.043</b>
DBH (>10 cm, all stands), cm	20.2	34.4	18.8	31.9	11.5	18.0	35.6	61.7	24.1	43.6	7.9	14.1	2.1	4.9	6.38	<b>0.011</b>
DBH (>20 cm, <70 yr), cm	33.0	-	33.0	-	33.0	-	33.0	-	-	-	-	-	-	-	-	-
DBH (>20 cm, >70 yr), cm	29.1	40.7	29.5	40.1	20.3	27.0	36.3	61.7	16.0	34.7	5.6	11.3	1.9	3.9	5.34	<b>0.021</b>
DBH (>20 cm, all stands), cm	29.5	40.7	30.0	40.1	20.3	27.0	36.3	61.7	16.0	34.7	5.4	11.3	1.8	3.9	4.89	<b>0.027</b>
DBH (>40 cm, <70 yr), cm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DBH (>40 cm, >70 yr), cm	42.8	54.3	41.5	53.3	41.0	45.0	46.0	68.0	5.0	23.0	2.7	8.7	1.6	3.5	4.27	<b>0.039</b>
DBH (>40 cm, all stands), cm	42.8	54.3	41.5	53.3	41.0	45.0	46.0	68.0	5.0	23.0	2.7	8.7	1.6	3.5	4.27	<b>0.039</b>
Deadwood vol. (>10 cm, <70 yr), m <sup>3</sup> ha <sup>-1</sup>	1.609	-	1.303	-	0.000	-	9.836	-	9.836	-	2.882	-	0.744	-	-	-
Deadwood vol. (>10 cm, >70 yr), m <sup>3</sup> ha <sup>-1</sup>	3.310	26.375	1.609	26.413	0.000	5.896	10.398	48.648	10.398	42.753	4.012	16.639	1.036	5.883	11.46	<b>0.001</b>
Deadwood vol. (>10 cm, all stands), m <sup>3</sup> ha <sup>-1</sup>	4.920	26.375	3.820	26.413	0.000	5.896	10.398	48.648	10.398	42.753	3.604	16.639	0.931	5.883	10.42	<b>0.001</b>
Deadwood vol. (>20 cm, <70 yr), m <sup>3</sup> ha <sup>-1</sup>	0.255	-	0.386	-	0.000	-	3.820	-	3.819	-	0.986	-	0.255	-	-	-
Deadwood vol. (>20 cm, >70 yr), m <sup>3</sup> ha <sup>-1</sup>	2.817	25.799	0.813	26.154	0.000	5.623	9.726	48.648	9.726	43.025	3.757	16.401	0.970	5.798	11.58	<b>0.001</b>
Deadwood vol. (>20 cm, all stands), m <sup>3</sup> ha <sup>-1</sup>	3.071	25.799	1.556	26.154	0.000	5.623	9.726	48.648	9.726	43.025	3.681	16.401	0.951	5.798	11.46	<b>0.001</b>
Deadwood vol. (>40 cm, <70 yr), m <sup>3</sup> ha <sup>-1</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deadwood vol. (>40 cm, >70 yr), m <sup>3</sup> ha <sup>-1</sup>	0.974	20.045	0.387	21.823	0.000	0.000	8.241	48.312	8.241	48.312	2.393	17.688	0.618	6.254	8.60	<b>0.003</b>

Variable	Mean		Med		Min		Max		Rg		St. dev		St. er		KW-H test	p-value
	No WbW	WbW	No WbW	WbW	No WbW	WbW	No WbW	WbW	No WbW	WbW	No WbW	WbW	No WbW	WbW		
Deadwood BA (>10 cm, <70 yr), m <sup>2</sup> ha <sup>-1</sup>	0.29	-	0.07	-	0.00	-	1.64	-	1.64	-	0.50	-	0.13	-	-	-
Deadwood BA (>10 cm, >70 yr), m <sup>2</sup> ha <sup>-1</sup>	0.45	3.58	0.28	3.76	0.00	0.67	1.26	7.35	1.26	6.69	0.49	2.26	0.13	0.80	12.83	<b>0.001</b>
Deadwood BA (>10 cm, all stands), m <sup>2</sup> ha <sup>-1</sup>	0.73	3.58	0.61	3.76	0.00	0.67	1.64	7.35	1.64	6.69	0.47	2.26	0.12	0.80	11.27	<b>0.001</b>
Deadwood BA (>20 cm, <70 yr), m <sup>2</sup> ha <sup>-1</sup>	0.04	-	0.01	-	0.00	-	0.61	-	0.61	-	0.16	-	0.04	-	-	-
Deadwood BA (>20 cm, >70 yr), m <sup>2</sup> ha <sup>-1</sup>	0.36	3.45	0.23	3.55	0.00	0.60	1.14	7.35	1.14	6.75	0.44	2.27	0.11	0.80	12.49	<b>0.001</b>
Deadwood BA (>20 cm, all stands), m <sup>2</sup> ha <sup>-1</sup>	0.40	3.45	0.25	3.55	0.00	0.60	1.14	7.35	1.14	6.75	0.44	2.27	0.11	0.80	11.91	<b>0.001</b>
Deadwood BA (>40 cm, <70 yr), m <sup>2</sup> ha <sup>-1</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deadwood BA (>40 cm, >70 yr), m <sup>2</sup> ha <sup>-1</sup>	0.13	2.65	0.25	3.07	0.00	0.00	0.95	7.10	0.96	7.10	0.29	2.43	0.07	0.86	8.60	<b>0.003</b>
Deadwood BA (>40 cm, all stands), m <sup>2</sup> ha <sup>-1</sup>	0.13	2.65	0.25	3.07	0.00	0.00	0.95	7.10	0.96	7.10	0.29	2.43	0.07	0.86	8.60	<b>0.003</b>

Note: Snags: number of snags; (DBH: >10 cm, >20 cm, >40 cm; stand age: <70 years; >70 years); Height: mean height; DBH: mean DBH; Deadwood vol.: deadwood volume; Deadwood BA: deadwood basal area