

Supplemental Material

Figure S1. Map showing the locations of parks where intercept surveys were conducted in Clarke County, and Gwinnett County, Georgia.

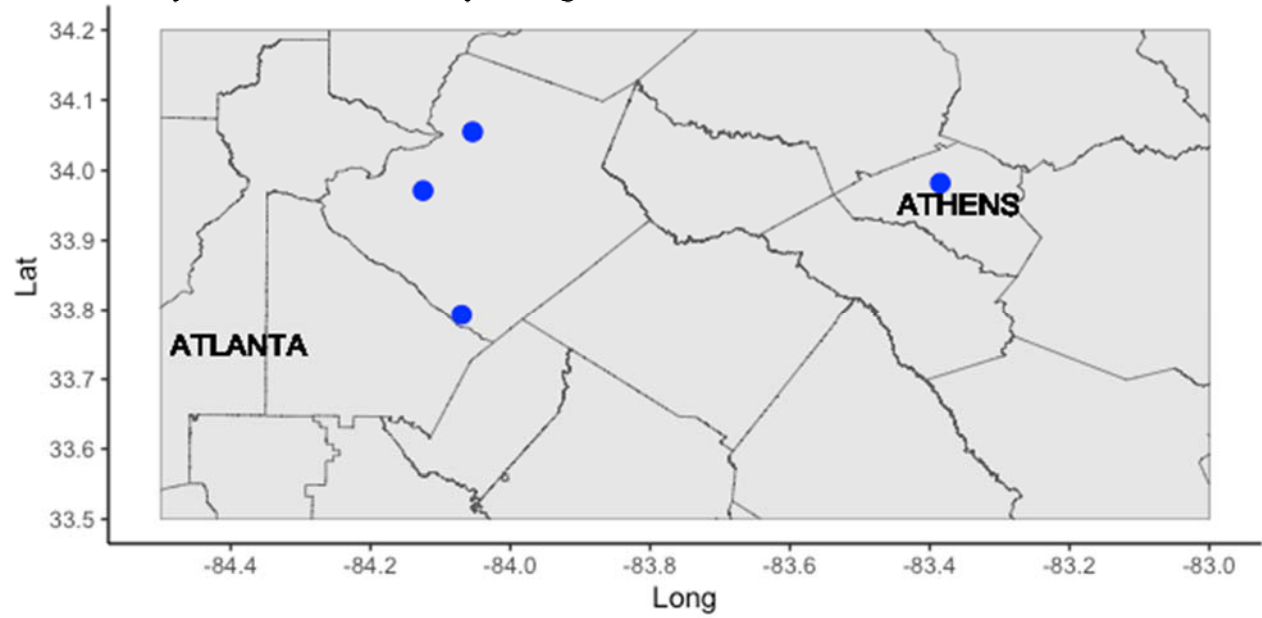


Table S1. Sociodemographic characteristics of respondents (n = 174) to a survey measuring support for emerald ash borer control in urban parks in northeastern Georgia, 2023.

	Number	Percent
Gender:		
Male	81	46.6
Female	89	51.1
Prefer not to say	4	2.3
Age:		
18-24 years	21	12.1
25-34 years	33	19.0
35-44 years	24	13.8
45-54 years	29	16.7
55-64 years	30	17.2
≥ 65 years	37	21.3
Approximately how many times did you visit the park this past month?		
0	18	10.3
1-3	62	35.6
4-6	30	17.2
7-9	14	8.0
10+	50	28.7
What recreational activities do you engage in when you use this park? Select up to three activities.		
Walking/hiking	158	90.8
Running/jogging	53	30.5
Cycling	21	12.1
Birdwatching	36	20.7
Picnics/BBQs	7	4.0
Sitting and enjoying being outside	55	31.6
Other	11	6.3
How long does it take you to drive to this park?		
1-10 minutes	93	53.4
11-20 minutes	53	30.5
Over 20 minutes	21	12.1
I walk to the park	7	4.0

Table S2. Respondents' knowledge of invasive species (n = 174). Respondents answered the question: "Before today were you aware that non-native species are considered invasive if they cause harm to the environment, economic damage, or harm to people and pets?"

	Median	Yes		I'm not sure		No	
		Number	%	Number	%	Number	%
Harm to the environment	Yes	138	79.3	18	10.3	18	10.3
Economic damage	Yes	126	72.4	23	13.2	25	14.4
Harm to people and pets	Yes	122	70.1	24	13.8	28	16.1

Table S3. Respondent's attitudes towards park trees (n = 174). Respondents were asked how important different characteristics of park trees were to them.

	Median	Not at all important		Slightly important		Moderately important		Important		Very important		Factor loading
		No.	%	No.	%	No.	%	No.	%	No.	%	
Trees provide shade	Very important	4	2.3	10	5.8	20	11.5	36	20.7	104	59.8	0.57
Trees with different leaf shapes and colors	Important	5	2.9	13	7.5	29	16.7	47	27.0	80	46.0	0.85
Trees that flower	Important	7	4.0	15	8.6	32	18.4	47	27.0	73	42.0	0.81
Trees that are different shapes and heights	Important	5	2.9	13	7.5	35	20.1	46	26.4	75	43.1	0.86

Table S4. Respondent's attitudes towards insects (n = 174). Respondents were asked whether they liked or disliked insects in the park.

	Median	Strongly dislike		Dislike		Neutral		Like		Strongly like		Factor loading
		No.	%	No.	%	No.	%	No.	%	No.	%	
Bees	Like	8	4.6	5	2.9	35	20.1	41	23.6	85	48.9	0.43
Ants	Neutral	19	10.9	22	12.6	73	42.0	34	19.5	26	14.9	0.79
Flies	Dislike	43	24.7	54	31.0	58	33.3	10	5.8	9	5.2	0.78
Wasps	Dislike	56	32.2	41	23.6	41	23.6	22	12.6	14	8.1	0.75
Mosquitoes	Strongly dislike	106	60.9	45	25.9	19	10.9	1	0.6	3	1.7	0.66
Beetles	Neutral	12	6.9	17	9.8	85	48.9	44	25.3	16	9.2	0.66

Table S5. Respondents’ risk susceptibility to biological control of emerald ash borer (EAB) using parasitoid wasps and chemical control of EAB using systemic insecticides in urban parks, northeastern Georgia, 2023 (n = 174). Respondents answered the question: “What risk do you think there is that ...”

	Median	No risk		Low risk		Moderate risk		High risk		Factor loading
		No.	%	No.	%	No.	%	No.	%	
Biological control:										
The wasps will harm the environment	Low risk	34	19.5	79	45.4	51	29.3	10	5.8	0.65
The wasps will harm humans (stinging, allergies, etc.)	Low risk	40	23.0	74	42.5	43	24.7	17	9.8	0.87
The wasps will harm pets (stinging, allergies, etc.)	Low risk	39	22.4	81	46.6	42	24.1	12	6.9	0.95
Chemical control:										
Applying chemicals in or around trees will harm the environment	Moderate risk	11	6.3	41	23.6	69	39.7	53	30.5	0.81
Applying chemicals in or around trees will harm humans	Moderate risk	17	9.8	62	35.6	45	25.9	50	28.7	0.96
Applying chemicals in or around trees will harm pets	Moderate risk	13	7.5	44	25.3	59	33.9	58	33.3	0.90

Table S6. Respondents’ risk sensitivity to biological control of emerald ash borer (EAB) using parasitoid wasps and chemical control of EAB using systemic insecticides in urban parks, northeastern Georgia, 2023 (n = 174). Respondents answered the question: “How concerned are you that ...”

	Median	Not at all concerned		Slightly concerned		Moderately concerned		Concerned		Very concerned		Factor loading
		No.	%	No.	%	No.	%	No.	%	No.	%	
Biological control:												
Wasps used for biocontrol will attack native species in this park	Slightly concerned	36	20.7	52	29.9	44	25.3	27	15.5	15	8.6	0.70
Wasps used for biocontrol will harm human health	Slightly concerned	56	32.2	55	31.6	30	17.2	21	12.1	12	6.9	0.96
Wasps used for biocontrol will harm pets	Slightly concerned	54	31.0	53	30.5	28	16.1	28	16.1	11	6.3	0.92
Chemical control:												
Chemical control will have unintended environmental impacts	Moderately concerned	8	4.60	41	23.6	39	22.4	46	26.4	40	23.0	0.88
Chemical control will harm human health	Moderately concerned	16	9.20	42	24.1	36	20.7	44	25.3	36	20.7	0.92
Chemical control will harm pets	Moderately concerned	15	8.62	39	22.4	35	20.1	47	27.0	38	21.8	0.92