

Zielińska, Anna. Ocena warunków siedliskowych dla inwazyjnych gatunków pluskwiaków różnoskrzydłych (Hemiptera: Heteroptera) na terenie Europy, ze szczególnym uwzględnieniem Polski.

Wykaz 11. Wykaz stanowisk *Nesidiocoris tenuis* wykorzystanych podczas modelowania niszy ekologicznej (dane na dzień: 19.08.2022).

Kraj	Rok	Długość geograficzna	Szerokość geograficzna	Źródło
ES	2007	-2,4571166	36,8415281	Cano, M., Vila, E., Janssen, D., Bretones, G., Salvador, E., Lara, L., & Tellez, M. M. (2009). Selection of refuges for <i>Nesidiocoris tenuis</i> (Het.: Miridae) and <i>Orius laevigatus</i> (Het.: Anthoridae): virus reservoir risk assessment. <i>IOBC/wprs Bull</i> , 49, 281-286.
ES	<2009	-1,5863998	37,4701688	Sanchez, J. A. (2009). Density thresholds for <i>Nesidiocoris tenuis</i> (Heteroptera: Miridae) in tomato crops. <i>Biological Control</i> , 51(3), 493-498.
ES	2016	0,4068861	40,3942583	Chinchilla-Ramírez, M., Pérez-Hedo, M., Pannebakker, B. A., & Urbaneja, A. (2020). Genetic variation in the feeding behavior of isofemale lines of <i>Nesidiocoris tenuis</i> . <i>Insects</i> , 11(8), 513.
ES	2016	0,3971417	40,3790278	Chinchilla-Ramírez, M., Pérez-Hedo, M., Pannebakker, B. A., & Urbaneja, A. (2020). Genetic variation in the feeding behavior of isofemale lines of <i>Nesidiocoris tenuis</i> . <i>Insects</i> , 11(8), 513.
BE	2018	4,3577727	51,2604803	Moerkens, R., Pekas, A., Bellinkx, S., Hanssen, I., Huysmans, M., Bosmans, L., & Wäckers, F. (2020). <i>Nesidiocoris tenuis</i> as a pest in Northwest Europe: Intervention threshold and influence of Pepino mosaic virus. <i>Journal of Applied Entomology</i> , 144(7), 566-577.
TR	2011	30,7181051	36,8979376	Keçeci, M., & Öztop, A. (2017). Possibilities for biological control of <i>Tuta absoluta</i> (Meyrick, 1917)(Lepidoptera: Gelechiidae) in the western Mediterranean Region of Turkey. <i>Turkish Journal of Entomology</i> , 41(2), 219-230.
GR	<2009	21,6989642	37,1951391	Perdikis, D., Fantinou, A., Garantonakis, N., Kitsis, P., Maselou, D., & Panagakis, S. (2009). Studies on the damage potential of the predator <i>Nesidiocoris tenuis</i> on tomato plants. <i>Bulletin of Insectology</i> , 62(1), 41-46.
GR	2012	25,7453013	35,0123503	Garantonakis, N., Pappas, M. L., Varikou, K., Skiada, V., Broufas, G. D., Kavroulakis, N., & Papadopoulou, K. K. (2018). Tomato inoculation with the endophytic strain <i>Fusarium solani</i> K results in reduced feeding damage by the zoophytophagous predator <i>Nesidiocoris tenuis</i> . <i>Frontiers in Ecology and Evolution</i> , 6, 126.
GR	<2013	21,6989642	37,1951391	Perdikis, D., & Arvaniti, K. (2016). Nymphal development on plant vs. leaf with and without prey for two omnivorous predators: <i>Nesidiocoris tenuis</i> (Reuter, 1895)(Hemiptera: Miridae) and <i>Dicyphus errans</i> (Wolff, 1804)(Hemiptera: Miridae). <i>Entomologia Generalis</i> , 35(4), 297-306.
ES	2004	-1,3421856	37,6208766	Sanchez, J. A., Pino-Perez, M., Davo, M. M., Martinez-Cascales, J. I., & Lacasa, A. (2006). Zoophytophagy of the plantbug <i>Nesidiocoris tenuis</i> in tomato crops in southeast Spain. <i>IOBC WPRS BULLETIN</i> , 29(4), 243.
ES	<2006	2,1401891	41,3926679	Arnó, J., Castañé, C., Riudavets, J., & Gabarra, R. (2006). Characterization of damage to tomato plants produced by the zoophytophagous predator <i>Nesidiocoris tenuis</i> . <i>IOBC wprs Bulletin</i> , 29(4), 249.
IT	<2015	14,7102881	36,9186836	Biondi, A., Zappalà, L., Di Mauro, A., Tropea Garzia, G., Russo, A., Desneux, N., & Siscaro, G. (2016). Can alternative host plant and prey affect phytophagy and biological control by the zoophytophagous mirid <i>Nesidiocoris tenuis</i> ?. <i>BioControl</i> , 61(1), 79-90.
IT	<2015	15,2708964	37,0791489	Biondi, A., Zappalà, L., Di Mauro, A., Tropea Garzia, G., Russo, A., Desneux, N., & Siscaro, G. (2016). Can alternative host plant and prey affect phytophagy and biological control by the zoophytophagous mirid <i>Nesidiocoris tenuis</i> ?. <i>BioControl</i> , 61(1), 79-90.
TR	2011	35,288067	36,997415	PORTAKALDALI, M., Öztemiz, S., & Kütük, H. (2013). Adana'da Açık Alan Domates Yetiştiriciliğinde <i>Tuta absoluta</i> (Meyrick)(Lepidoptera: Gelechiidae) ve Doğal Düşmanlarının Popülasyon Takibi. <i>Uludağ Üniversitesi Ziraat Fakültesi Dergisi</i> , 27(2), 45-54.
MT	2014	14,4770913	35,889244	Balzan, M. V. (2017). Flowering banker plants for the delivery of multiple agroecosystem services. <i>Arthropod-Plant Interactions</i> , 11(6), 743-754.
FR	2011	7,0094514	43,5391333	Biondi, A., Chailleux, A., Lambion, J., Han, P., Zappalà, L., & Desneux, N. (2013). Indigenous natural enemies attacking <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae) in southern France. <i>Egyptian Journal of Biological Pest Control</i> , 23(1), 117.
FI	2008	22,1002906	62,9464467	MMM.FI (2012) Finland's national strategy on invasive alien species. Ministry of Agriculture and Forestry in Finland.
GR	2012	24,0854	35,55	https://observation.org/species/534658/observations/
KE	2022	36,643127	-1,10693	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev

KR	2020	128,625412	36,015105	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
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PT	2022	-8,70195	37,553365	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
RE	brak danych	55,53241	-21,13317	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
RE	2000	55,49378	-21,31231	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
CO	1971	-76,303611	3,539444	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
CO	1971	-76,303611	3,539444	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
CN	2017	113,013771	29,013767	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
ES	2021	-6,942015	38,877126	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
IN	2021	72,172074	21,777136	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
CN	2018	113,372178	23,040542	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	brak danych	129,261694	35,598694	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
ZA	2019	31,433	-23,118	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
ES	2021	-3,118682	36,980302	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2014	127,349998	36,369999	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
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KR	2014	126,660004	34,349998	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2021	126,690985	37,713053	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2021	126,690976	37,713067	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2021	128,08675	35,169534	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
AU	2021	144,306859	-38,176228	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
IN	2019	72,128841	21,755779	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2020	126,376612	35,850664	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
PH	2021	121,125023	14,612857	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2020	126,991622	37,42148	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
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MX	1970	-99,1255358	22,8337949	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
MX	1970	-98,99041654	21,21685644	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev

DO	1967	-70,75499076	18,62865778	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
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HT	1929	-72,33434672	18,53988112	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
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KR	2018	126,297889	34,670333	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,434092	37,326058	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,432983	37,474094	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	127,909896	37,328687	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,933947	37,681058	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,563547	37,577219	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2017	127,047664	34,680808	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,678525	37,697629	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	129,003019	37,656017	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,80485	37,588178	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,039319	37,434308	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	127,793489	37,414544	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	127,83505	37,308928	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	129,018911	37,551458	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,80658	37,693865	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,02298	37,304331	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,572097	37,693222	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	128,926956	37,583089	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2010	127,911314	37,446317	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2011	127,193406	35,932331	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
ES	2011	-2,597752	36,817488	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2020	127,055372	35,034476	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
AU	2017	146,449	-19,3812	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
AU	2017	146,449	-19,3812	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
PT	2009	-7,549678	37,292047	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2018	131,8686	37,2391	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
TL	2018	124,362141	-9,198556	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev

ES	2019	-17,829823	28,624723	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
ES	2019	-17,823299	28,613686	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
PT	2009	-7,549678	37,292047	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
BW	2019	25,878927	-24,674911	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
IT	2018	9,52349	39,136383	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
ES	2019	-17,823299	28,613686	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
ES	2019	-17,812828	28,626532	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2014	127,35	36,37	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
KR	2014	126,66	34,35	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
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GU	1991	144,783295	13,46667	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
GU	1991	144,783295	13,46667	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
GU	1991	144,783295	13,46667	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
AU	2018	115,377502	-31,099142	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
IL	2017	35,683854	32,796956	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
IL	2017	35,839169	33,045277	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
PK	2012	73,23	33,72	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
PK	2012	73,025	31,395	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
NA	1925	13,616667	-19,133333	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev
AU	1996	152,36546	-32,50737	GBIF.org (19 August 2022) GBIF Occurrence Download https://doi.org/10.15468/dl.pu98ev