Korean Journal of Plant Taxonomy
55(1): 36–43, 2025

pISSN 1225-8318
eISSN 2466-1546

SUPPLEMENTARY INFORMATION
https://doi.org/10.11110/kjpt.2025.55.1.36

Naturalized exotic weed *Tagetes minuta*: A potentially invasive species in Nepal

Nabin LAMICHHANE, Hari Prasad BASHYAL, Anisha THAPA, Ramesh Raj PANT[1], Lal Bahadur THAPA* and Ram Kailash Prasad YADAV

Central Department of Botany, Institute of Science and Technology, Tribhuvan University, 44613 Kathmandu, Nepal
[1]Central Department of Environmental Science, Institute of Science and Technology, Tribhuvan University, 44613 Kathmandu, Nepal

Supplementary table 1 (S1). Ecological parameters of plant species in the study site (Tachai, Manang). N = total number of quadrats in which species occurred, T = Total number of individuals recorded, F = Frequency, RF = Relative frequency, D = Density, RD = Relative density, A = Abundance, RA = Relative abundance, IVI = Importance value index.

Botanical name	Family	N	T	D	RD	A	RA	F	RF	IVI
Persicaria alata	Polygonaceae	20	4861	243.1	39.11	243	30.7	100	9.7	79.5
Drymaria cordata	Caryophyllaceae	18	3665	183.3	29.49	204	25.7	90	8.7	63.9
Galinsoga quadriradiata	Asteraceae	13	1966	98.3	15.82	151	19.1	65	6.3	41.2
Digitaria sp.	Poaceae	19	524	26.2	4.22	28	3.5	95	9.2	16.9
Bidens pilosa	Asteraceae	14	299	15.0	2.41	21	2.7	70	6.8	11.9
Cyperus sp.	Cyperaceae	15	189	9.5	1.52	13	1.6	75	7.3	10.4
Setaria pumila	Poaceae	10	168	8.4	1.35	17	2.1	50	4.9	8.3
Tagetes minuta	Asteraceae	9	171	8.6	1.38	19	2.4	45	4.4	8.1
Oxalis sp.	Oxalidaceae	6	161	8.1	1.30	27	3.4	30	2.9	7.6
Chenopodium sp.	Amaranthaceae	11	46	2.3	0.37	4	0.5	55	5.3	6.2
Vicia hirsuta	Fabaceae	9	77	3.9	0.62	9	1.1	45	4.4	6.1
Pennisetum flaccidum	Poaceae	9	66	3.3	0.53	7	0.9	45	4.4	5.8
Geranium nepalense	Geraniaceae	8	62	3.1	0.50	8	1.0	40	3.9	5.4
Solanum nigrum	Solanaceae	8	56	2.8	0.45	7	0.9	40	3.9	5.2
Bonnaya oppositi	Linderniaceae	7	20	1.0	0.16	3	0.4	35	3.4	3.9
Sigesbeckia orientalis	Asteraceae	6	21	1.1	0.17	4	0.4	30	2.9	3.5
Braya sp.	Brassicaceae	6	15	0.8	0.12	3	0.3	30	2.9	3.3
Bonnaya ciliata	Linderniaceae	3	32	1.6	0.26	11	1.3	15	1.5	3.1
Gallium aparine	Rubiaceae	4	8	0.4	0.06	2	0.3	20	1.9	2.3
Trigonella gracilis	Fabaceae	3	3	0.2	0.02	1	0.1	15	1.5	1.6
Boehmaria sp.	Urticaceae	2	7	0.4	0.06	4	0.4	10	1.0	1.5
Hydrocotyle javanica	Araliaceae	2	6	0.3	0.05	3	0.4	10	1.0	1.4
Solena sp.	Cucurbitaceae	2	2	0.1	0.02	1	0.1	10	1.0	1.1
Viola sp.	Violaceae	1	4	0.2	0.03	4	0.5	5	0.5	1.0
Taraxacum sp.	Asteraceae	1	1	0.1	0.01	1	0.1	5	0.5	0.6

Corresponding author: Lal Bahadur THAPA, lal.thapa@cdb.tu.edu.np

OPEN ACCESS © 2025 The Author(s)
This is an open-access article distributed under the terms of the Creative Commons Attribution Non-Commercial License (http://creativecommons.org/licenses/by-nc/4.0) which permits unrestricted non-commercial use, distribution, and reproduction in any medium, provided the original work is properly cited.