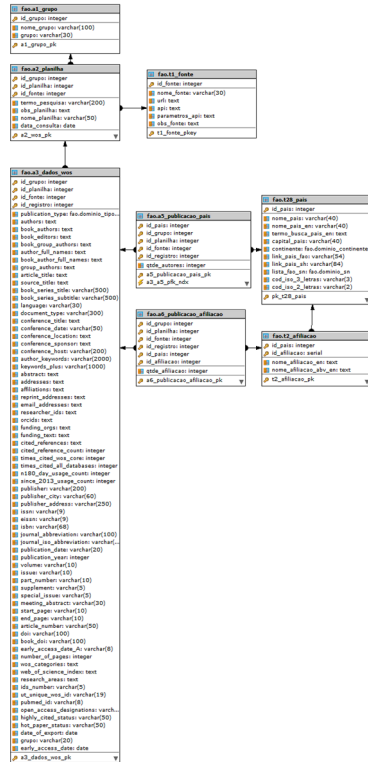
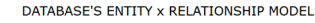


Supplementary materials

Figure S1. Summarized structure of the database developed with PostgreSQL.



Niva, C. C., Brown, G. G., da Silva, O. D. D., Malaquias, J. V., Correia, M. E. F., de Oliveira, M. I. L., Ferreira, T., Antunes, L. F. de S., & Eugenio, N. R. (2025). Soil invertebrate macrofauna and bioturbating vertebrates worldwide: a bibliometric analysis using data science tools. *Soil Organisms*, 97(Special Issue). <https://doi.org/10.25674/427>

Table S1. List of countries with the number of publications on soil macroinvertebrates between January 2011 and February 2022. Numbers based on records retrieved from Web of Science databases after validation.

Country	No. publications
United States of America	2394
China	1715
Germany	892
Brazil	885
United Kingdom	817
India	790
France	714
Spain	504
Australia	479
Russian Federation	463
Italy	415
Canada	367
Japan	362
Poland	358
Czech Republic	352
South Africa	307
Denmark	272
Netherlands	271
Mexico	257
Switzerland	246
Republic of Korea	241
Belgium	208
Hungary	199
Austria	196
Sweden	170
Argentina	169
Iran	163
Portugal	160
Thailand	132
New Zealand	132
Colombia	132
Viet Nam	128
Finland	122
Turkey	118
Malaysia	117
Pakistan	115
Croatia	105
Serbia	104
Taiwan	96

Norway	91
Nigeria	88
Egypt	82
Israel	78
Slovakia	78
Indonesia	73
Bulgaria	64
Chile	63
Saudi Arabia	63
Romania	62
Slovenia	59
Kenya	59
Zimbabwe	55
Greece	50
Ukraine	49
Estonia	48
Côte d'Ivoire	39
Philippines	36
Ghana	35
Cameroon	34
Ecuador	33
Tunisia	32
Singapore	28
Algeria	28
Burkina Faso	27
Ethiopia	25
Peru	24
Lithuania	23
Sri Lanka	20
Bangladesh	20
Madagascar	20
Morocco	20
Cuba	19
Uruguay	19
Panama	19
Benin	18
Uganda	18
Democratic Republic of the Congo	17
Tanzania	15
Luxembourg	15
Botswana	14
Costa Rica	14
Iraq	12
Georgia	12
Mauritius	12

Namibia	11
Nepal	10
Venezuela	9
Latvia	9
Malawi	9
Cyprus	8
United Arab Emirates	8
Niger	8
Rwanda	8
Trinidad and Tobago	7
Mali	6
Bosnia and Herzegovina	6
Gabon	6
Senegal	6
Lao	5
Jordan	5
Zambia	5
Kazakhstan	5
Belarus	5
Lebanon	5
Guyana	4
Iceland	4
Bolivia	4
Libya	4
Fiji	4
Myanmar	4
Djibouti	3
Nicaragua	3
Comoros	3
Oman	3
Montenegro	3
Cambodia	3
Paraguay	3
Togo	3
Kuwait	3
State of Palestine	2
Republic of Moldova	2
Mongolia	2
North Macedonia	2
Qatar	2
Albania	2
Sudan	2
Eswatini	2
Suriname	2
Mozambique	2

Armenia	2
Somalia	1
Central African Republic	1
Uzbekistan	1
Malta	1
Belize	1
Angola	1
Democratic People's Republic of Korea	1
Azerbaijan	1
Yemen	1
Brunei Darussalam	1
Burundi	1
Honduras	1
Monaco	1
Guinea-Bissau	1
Lesotho	1
Papua New Guinea	1
El Salvador	1
Sierra Leone	1
Solomon Islands	1
Dominican Republic	1
Syria	1

Table S2. Number of publications from each country having articles on soil bioturbating vertebrates recovered from searches in the Web of Science between January 2014 and December 2023.

Country	Publications
USA	399
China Mainland	312
Australia	106
Brazil	104
United Kingdom	96
Germany	95
Canada	82
India	82
England	78
France	53
Spain	50
South Africa	48
Italy	48
Russian Federation	42
Poland	40
Japan	37
Argentina	36
Netherlands	29
Sweden	28
Iran	26
Czech Republic	25
Switzerland	24
South Korea	21
Portugal	21
Norway	20
Turkey	20
Mexico	19
Chile	19
Israel	18
New Zealand	18
Egypt	16
Indonesia	16
Scotland	15
Taiwan	14
Finland	14
Belgium	14
Malaysia	13
Denmark	12
Saudi Arabia	12
Nigeria	12
Austria	11
Vietnam	10

Kenya	10
Hungary	10
Pakistan	9
Ukraine	9
Greece	9
Thainland	8
Ethiopia	8
Bangladesh	7
Ireland	7
Northern Ireland	7
Nepal	7
Estonia	6
Namibia	6
Slovakia	6
Romania	6
Iraq	6
Lithuania	5
Singapore	5
Ecuador	5
Colombia	5
Hong Kong	5
Peru	4
Philippines	4
Tanzania	4
Bulgaria	4
Tunisia	4
Serbia	4
Kazakhstan	3
Uruguay	3
Zambia	3
Sri Lanka	3
Slovenia	3
Croatia	3
Lebanon	2
Wales	2
Madagascar	2
Cyprus	2
Botswana	2
Zimbabwe	2
Myanmar	2
Cameroon	2
Panama	2
United Arab Emirates	2
Swaziland	2
Benin	2
Mozambique	2
Morocco	1
Sierra Leone	1
Venezuela	1

Angola	1
Armenia	1
Maldives	1
Qatar	1
Luxembourg	1
Latvia	1
Mongolia	1
Macau	1
Guyana	1
Burkina Faso	1
Seychelles	1
Cuba	1
Cambodia	1
Bosnia & Herzegovina	1
Paraguay	1
Suriname	1
Afghanistan	1
Belarus	1
Togo	1
Uzbekistan	1
Bolivia	1
South Sudan	1
Honduras	1
Uganda	1

Table S3. Number of publications from each country having articles on each soil macrofauna group recovered from searches in the Web of Science between January 2011 and February 2022.

Country	Ants	Beetles	Centipedes	Earthworms	Millipedes	Spiders	Termites
Albania	0	0	0	0	0	2	0
Algeria	3	7	1	15	1	1	0
Angola	0	0	0	0	0	0	1
Argentina	50	38	15	37	3	15	9
Armenia	0	0	0	2	0	0	0
Australia	95	57	15	144	53	36	75
Austria	9	44	19	89	24	8	1
Azerbaijan	0	0	0	1	0	0	0
Bangladesh	2	2	0	12	0	2	2
Belarus	1	0	2	2	0	0	0
Belgium	26	19	1	65	39	9	47
Belize	0	0	0	1	0	0	0
Benin	2	0	0	4	1	1	10
Bolivia	1	0	0	3	0	0	0
Bosnia and Herzegovina	1	3	1	0	1	0	0
Botswana	0	6	0	2	0	0	6
Brazil	238	128	34	245	66	33	107
Brunei Darussalam	0	0	0	0	0	0	1
Bulgaria	3	11	5	19	24	2	0
Burkina Faso	3	0	0	7	0	1	15
Burundi	0	0	0	0	0	0	1
Cambodia	0	1	0	0	2	0	0
Cameroon	6	1	1	8	10	1	6
Canada	27	85	3	218	3	13	15

Central African Republic	0	0	0	0	0	0	1
Chile	3	23	2	27	0	4	4
China	180	117	43	1209	40	47	68
Colombia	24	28	4	46	3	3	12
Comoros	0	0	0	3	0	0	0
Costa Rica	8	2	0	2	0	0	0
Côte d'Ivoire	7	1	0	21	0	0	10
Croatia	2	27	3	59	11	2	1
Cuba	1	1	0	12	2	1	1
Cyprus	0	2	2	2	0	1	1
Czech Republic	38	62	27	145	24	23	23
Democratic People's Republic of Korea	0	0	0	0	0	0	0
Democratic Republic of the Congo	1	1	0	2	0	0	14
Denmark	21	16	3	122	91	11	7
Djibouti	0	0	0	0	0	0	1
Dominican Republic	0	0	0	12	0	2	4
Ecuador	8	6	0	0	0	0	3
Egypt	5	30	0	36	1	3	7
El Salvador	0	1	0	0	0	0	0
Estonia	22	9	1	13	0	2	1
Eswatini	0	0	1	0	0	0	1
Ethiopia	2	3	0	11	0	0	9
Fiji	0	0	0	4	0	0	0
Finland	22	20	10	59	4	4	1
France	49	72	10	435	29	24	73
Gabon	2	0	0	2	0	0	2
Georgia	5	3	0	0	3	1	0
Germany	109	135	45	379	91	51	68

Ghana	6	5	1	11	1	4	7
Greece	2	11	10	20	0	6	0
Guinea-Bissau	0	0	0	0	0	0	1
Guyana	0	0	0	4	0	0	0
Honduras	0	0	0	1	0	0	0
Hungary	8	38	11	101	22	16	2
Iceland	0	0	0	2	0	2	0
India	39	50	7	598	13	10	69
Indonesia	9	3	1	36	1	4	15
Iran	36	11	4	100	3	3	3
Iraq	2	1	0	9	0	0	0
Israel	31	8	1	24	0	7	7
Italy	27	116	47	202	6	11	4
Japan	30	60	10	182	22	15	42
Jordan	0	1	0	4	0	0	0
Kazakhstan	0	1	0	3	1	0	0
Kenya	8	7	0	19	0	1	17
Kuwait	1	0	0	2	0	0	0
Lao	0	0	0	3	1	0	1
Latvia	1	2	0	5	1	0	0
Lebanon	0	3	0	2	0	0	0
Lesotho	0	0	0	1	0	0	0
Libya	0	0	0	4	0	0	0
Lithuania	1	6	2	13	1	0	0
Luxembourg	0	1	0	10	0	0	4
Madagascar	1	4	0	11	0	0	1
Malawi	0	3	0	2	0	1	3
Malaysia	16	9	1	56	0	1	33

Mali	0	0	0	5	0	0	1
Malta	0	0	0	1	0	0	0
Mauritius	4	0	0	8	0	0	0
Mexico	47	58	16	105	17	9	3
Monaco	0	0	0	1	0	0	0
Mongolia	1	0	1	0	0	0	0
Montenegro	0	0	1	0	1	1	0
Morocco	0	5	0	13	0	1	1
Mozambique	0	0	0	0	0	0	2
Myanmar	0	0	0	2	1	0	1
Namibia	0	0	0	3	0	1	7
Nepal	1	2	0	4	0	0	3
Netherlands	17	21	2	183	3	12	24
New Zealand	9	19	1	86	4	8	5
Nicaragua	0	0	0	3	0	0	0
Niger	0	0	0	2	0	0	5
Nigeria	8	18	0	35	0	1	26
North Macedonia	0	0	0	0	1	1	0
Norway	7	10	2	59	1	7	5
Oman	2	0	0	1	0	0	0
Pakistan	7	28	0	51	0	9	19
Panama	14	0	0	0	1	0	4
Papua New Guinea	1	0	0	0	0	0	0
Paraguay	1	0	0	1	0	0	1
Peru	4	6	0	5	1	3	2
Philippines	4	7	0	16	3	3	3
Poland	34	74	20	190	17	19	3
Portugal	10	18	6	101	9	11	5

Qatar	0	0	0	2	0	0	0
Republic of Korea	9	27	3	182	5	3	11
Republic of Moldova	0	0	0	2	0	0	0
Romania	3	19	1	31	4	4	0
Russian Federation	30	50	36	137	163	23	11
Rwanda	2	2	0	1	0	0	1
Saudi Arabia	11	7	0	37	1	3	4
Senegal	1	0	0	1	0	0	4
Serbia	1	11	11	26	53	2	0
Sierra Leone	0	1	0	0	0	0	0
Singapore	5	1	0	10	0	2	9
Slovakia	3	23	6	23	12	9	0
Slovenia	2	18	4	28	4	3	0
Solomon Islands	0	0	0	1	0	0	0
Somalia	0	0	0	0	0	0	1
South Africa	43	50	2	78	12	22	95
Spain	70	73	5	280	33	26	10
Sri Lanka	3	4	0	6	2	0	5
State of Palestine	0	1	0	1	0	0	0
Sudan	0	0	0	2	0	0	0
Suriname	0	0	0	2	0	0	0
Sweden	19	39	2	72	12	14	10
Switzerland	21	63	2	108	14	16	15
Syria	0	0	0	0	0	1	0
Taiwan	11	4	2	59	6	4	10
Tanzania	0	2	0	3	0	1	9
Thailand	14	6	9	47	42	3	10
Togo	0	0	0	0	0	0	3

Trinidad and Tobago	0	0	0	7	0	0	0
Tunisia	1	8	0	22	0	0	1
Turkey	13	37	2	58	2	2	4
Uganda	3	2	0	7	0	1	5
Ukraine	5	15	0	14	5	5	0
United Arab Emirates	2	0	0	6	0	0	0
United Kingdom	61	119	66	452	17	34	55
United States of America	317	623	36	938	124	119	218
Uruguay	8	1	0	6	0	1	3
Uzbekistan	0	0	0	1	0	0	0
Venezuela	1	1	1	4	1	0	1
Viet Nam	9	6	5	56	30	3	18
Yemen	0	0	0	1	0	0	0
Zambia	0	0	0	3	0	0	2
Zimbabwe	0	18	0	7	1	2	25

Table S4. Number of publications from each country having articles on the topic bioindicator within the soil macroinvertebrates recovered from searches in the Web of Science between January 2011 and February 2022.

Countries	Ants	Beetles	Centipede	Earthworms	Millepede	Spiders	Termites	Macrofauna	
Albania	0	0	0	0	0	0	1	0	1
Algeria	0	1	0	9	0	0	0	0	10
Argentina	7	5	0	10	0	0	5	0	27
Australia	10	9	2	18	1	6	6	6	52
Austria	0	5	0	14	0	1	0	0	20
Bangladesh	0	0	0	1	0	0	0	0	1
Belgium	3	3	0	15	0	1	3	3	25
Belize	0	0	0	1	0	0	0	0	1
Bolivia	1	0	0	0	0	0	0	0	1
Botswana	0	0	0	0	0	0	0	1	1
Brazil	47	18	2	48	7	4	9	9	152
Bulgaria	0	3	0	3	0	0	0	0	6
Burkina Faso	1	0	0	0	0	0	0	0	1
Cameroon	1	0	1	1	0	0	1	1	4
Canada	4	12	0	22	0	4	2	2	44
Chile	0	1	0	5	0	0	0	0	6
China	24	14	0	212	0	8	6	6	265
Colombia	7	6	0	9	1	1	3	3	33
Comoros	0	0	0	1	0	0	0	0	1
Costa Rica	0	0	0	0	0	0	0	0	1
Côte d'Ivoire	3	0	0	3	0	0	1	1	7
Croatia	1	6	0	12	0	0	0	0	19
Cuba	0	0	0	6	0	0	0	0	6
Cyprus	0	0	0	1	0	0	0	0	1

Czech Republic	2	14	1	16	2	3	1	42
Democratic People's Republic of Korea	1	0	0	0	0	0	3	4
Denmark	0	2	0	14	0	6	0	22
Ecuador	0	1	0	2	0	0	0	3
Egypt	1	9	0	3	0	0	2	15
El Salvador	0	1	0	0	0	0	0	1
Estonia	1	0	0	5	0	1	0	7
Ethiopia	0	0	0	0	0	1	0	1
Finland	2	1	0	8	0	0	0	11
France	7	15	1	4	84	3	0	125
Georgia	0	0	0	0	0	1	0	1
Germany	11	21	1	53	0	13	3	105
Ghana	1	1	0	1	0	0	0	3
Greece	0	2	1	7	0	0	0	10
Hungary	0	7	0	9	1	2	0	19
Iceland	0	0	0	1	0	0	0	1
India	2	1	0	64	0	2	3	74
Indonesia	1	0	0	4	0	0	1	6
Iran	2	0	0	12	0	0	0	15
Israel	2	1	0	1	0	2	0	6
Italy	5	23	3	54	0	1	0	86
Japan	3	5	0	11	0	3	2	24
Jordan	0	0	0	1	0	0	0	1
Kazakhstan	0	0	0	2	0	0	0	2
Kenya	0	0	0	3	0	0	0	6
Lithuania	0	1	0	1	0	0	0	2
Luxembourg	0	0	0	2	0	0	0	2
Madagascar	0	0	0	0	0	0	0	1

Malawi	0	0	0	1	0	0	0	1
Malaysia	2	1	0	5	0	0	4	12
Mali	0	0	0	2	0	0	0	2
Mauritius	0	0	0	2	0	0	1	2
Mexico	7	5	0	19	0	0	0	32
Morocco	0	0	0	2	0	1	0	3
Nepal	0	1	0	0	0	0	0	1
Netherlands	0	4	1	29	0	2	1	40
New Zealand	1	2	0	21	0	2	0	26
Nicaragua	0	0	0	1	0	0	0	1
Niger	0	0	0	1	0	0	1	2
Nigeria	2	1	0	13	0	0	6	22
Norway	0	3	0	8	0	0	0	11
Pakistan	0	2	0	5	0	2	1	11
Panama	1	0	0	0	0	0	0	1
Paraguay	0	0	0	1	0	0	0	1
Peru	1	0	0	2	0	0	0	3
Philippines	0	0	0	2	0	0	0	2
Poland	5	22	0	33	3	9	0	73
Portugal	2	6	1	10	0	4	0	23
Qatar	0	0	0	1	0	0	0	1
Republic of Korea	2	4	0	25	0	1	2	34
Romania	1	1	0	3	0	1	0	6
Russian Federation	1	7	1	24	0	4	0	39
Rwanda	2	0	0	0	0	0	1	3
Saudi Arabia	1	1	0	2	0	0	2	6
Serbia	0	1	0	3	0	1	0	5
Singapore	0	0	0	2	0	0	0	2

Slovakia	1	8	0	5	1	2	0	17
Slovenia	0	1	0	5	0	0	0	6
South Africa	5	3	0	9	1	1	7	26
Spain	7	4	0	44	2	3	1	64
Sri Lanka	0	1	0	2	0	0	0	3
Sweden	1	3	0	9	0	4	1	19
Switzerland	2	10	0	27	0	3	1	44
Taiwan	0	0	0	4	0	0	1	5
Tanzania	0	0	0	0	0	0	1	1
Thailand	0	0	2	4	0	0	0	6
Tunisia	0	3	0	7	0	0	0	10
Turkey	3	1	0	7	0	1	0	12
Uganda	1	0	0	1	0	0	0	2
Ukraine	0	0	0	2	2	2	0	8
United Kingdom	6	14	1	7	64	4	0	98
United States of America	1	0	0	0	0	0	0	1
Uruguay	0	0	0	0	0	1	0	1
Venezuela	0	0	0	2	0	0	0	2
Viet Nam	0	0	0	4	0	0	0	4
Zimbabwe		1	0	0	0	0	3	4

Table S5. Number of publications from each country having articles on the topic soil quality recovered from searches in the Web of Science between January 2011 and February 2022.

Country	Ants	Beetles	Centipedes	Earthworms	Millipedes	Spiders	Termites	Macrofauna
Albania	0	0	0	1	0	0	0	1
Argentina	7	2	0	4	0	1	1	15
Australia	1	0	0	13	1	0	2	18
Austria	0	2	0	7	0	0	0	9
Bangladesh	0	0	0	0	0	0	1	1
Belgium	1	0	0	9	0	0	3	13
Benin	0	0	0	0	0	1	3	4
Brazil	14	6	2	21	3	0	1	58
Burkina Faso	1	0	0	2	0	0	5	8
Cameroon	1	0	0	0	0	0	0	1
Canada	0	3	0	5	0	0	0	1
Chile	1	0	0	0	0	0	0	1
China	8	2	0	47	0	0	2	60
Colombia	1	2	0	7	0	0	2	19
Costa Rica	1	0	0	0	0	0	0	2
Côte d'Ivoire	3	0	0	5	0	0	1	9
Croatia	1	0	0	4	0	0	0	5
Cuba	0	0	0	2	0	0	0	2
Czech Republic	1	1	0	4	0	0	1	11
Democratic Republic of the Congo	0	0	0	1	0	0	1	2
Denmark	0	0	0	2	0	1	1	4
Djibouti	0	0	0	0	0	0	1	1
Ecuador	0	0	0	1	0	0	0	1
Egypt	0	2	0	2	0	0	1	5

Estonia	1	0	0	2	0	0	0	3
Ethiopia	1	2	0	0	0	0	3	6
Finland	0	0	0	1	0	0	0	1
France	2	1	0	39	1	1	7	58
Germany	1	5	0	24	0	2	6	40
Ghana	0	0	0	3	0	0	3	6
Greece	0	1	0	2	0	0	0	3
Hungary	0	0	0	5	1	0	0	6
India	0	1	0	41	1	0	2	49
Indonesia	1	0	0	3	0	0	0	7
Iran	1	0	0	8	0	0	0	9
Israel	2	0	0	2	0	0	0	4
Italy	0	2	0	25	0	0	0	28
Japan	1	0	0	3	0	1	2	7
Jordan	0	0	0	1	0	0	0	1
Kenya	3	1	0	3	0	1	4	14
Lebanon	0	0	0	1	0	0	0	1
Lesotho	0	0	0	1	0	0	0	1
Lithuania	0	0	0	1	0	0	0	1
Luxembourg	0	0	0	1	0	0	0	2
Madagascar	0	0	0	3	0	0	1	5
Malawi	0	0	0	1	0	1	0	2
Malaysia	1	0	0	5	0	0	2	8
Mali	0	0	0	3	0	0	0	3
Mauritius	0	0	0	1	0	0	0	1
Mexico	2	2	0	7	0	2	1	1
Morocco	0	0	0	2	0	0	0	2
Mozambique	0	0	0	0	0	0	1	1

Namibia	0	0	0	2	0	1	0	3
Netherlands	0	1	0	14	0	1	3	26
New Zealand	0	1	0	14	0	0	0	15
Nicaragua	0	0	0	2	0	0	0	2
Niger	0	0	0	0	0	0	3	3
Nigeria	0	0	0	4	0	0	2	6
Norway	0	0	0	3	0	0	1	4
Pakistan	0	1	0	7	0	0	2	10
Peru	2	0	0	0	0	0	0	4
Poland	0	3	0	4	0	0	0	7
Portugal	0	1	0	6	0	0	1	8
Republic of Korea	0	1	0	8	0	0	0	9
Romania	0	1	0	3	0	0	0	4
Russian Federation	0	1	0	5	0	1	0	7
Rwanda	1	0	0	0	0	0	0	1
Saudi Arabia	0	1	0	4	0	0	0	5
Senegal	0	0	0	0	0	0	1	1
Serbia	0	1	0	1	0	0	0	1
Singapore	0	0	0	1	0	0	0	1
Slovakia	0	1	0	1	0	2	0	4
Slovenia	0	1	0	2	0	0	0	3
Somalia	0	0	0	0	0	0	1	1
South Africa	1	0	0	8	1	1	6	18
Spain	1	1	0	24	0	0	1	31
Sudan	0	0	0	1	0	0	0	1
Sweden	1	2	0	4	0	2	2	11
Switzerland	0	2	0	9	1	0	1	15
Taiwan	0	0	0	1	0	0	0	1

Tanzania	0	0	0	1	0	0	0	1
Thailand	0	0	0	0	0	0	1	1
Togo	0	0	0	0	0	0	1	1
Tunisia	0	0	0	3	0	0	0	3
Turkey	1	0	0	0	0	0	0	4
Uganda	0	0	0	2	0	0	1	3
Ukraine	0	0	0	1	2	1	0	4
United Kingdom	4	2	0	34	0	0	4	47
United States of America	13	18	0	45	1	7	4	96
Venezuela	0	0	0	1	0	0	0	1
Viet Nam	0	0	0	6	0	0	0	7
Zambia	0	0	0	0	0	0	0	2
Zimbabwe	0	1	0	3	0	0	5	10

Table S6. Number of publications from each country having articles on the topic taxonomy recovered from searches in the Web of Science between January 2011 and February 2022.

Country	Ants	Beetles	Centipede	Earthworms	Millepede	Spiders	Termites	Macrofauna
Algeria	0	1	0	1	0	1	0	3
Argentina	3	0	0	0	0	2	2	7
Australia	2	3	3	2	11	2	2	25
Austria	1	1	4	2	12	1	0	21
Belgium	0	1	0	0	21	2	5	29
Benin	0	0	0	0	0	0	1	1
Bosnia and Herzegovina	0	0	1	0	1	0	0	2
Brazil	10	3	11	6	7	4	7	48
Bulgaria	0	0	2	0	8	0	0	10
Burkina Faso	0	0	0	0	0	0	2	2
Cambodia	0	0	0	0	1	0	0	1
Cameroon	0	0	0	0	5	0	0	5
Canada	4	1	0	2	0	1	0	8
Chile	1	0	0	0	0	1	0	2
China	7	7	5	7	7	5	1	39
Colombia	2	2	1	2	1	1	0	9
Croatia	0	0	1	0	4	1	0	6
Cuba	0	0	0	0	2	0	0	2
Cyprus	1	0	0	0	0	1	0	2
Czech Republic	1	3	5	1	5	2	2	19
Denmark	0	0	2	0	46	2	1	51
Egypt	0	1	0	0	1	0	0	2
Finland	0	0	1	1	2	0	0	4
France	2	1	4	6	14	2	3	32

Georgia	0	1	0	0	0	0	0	1
Germany	3	7	5	7	20	4	1	47
Greece	0	0	2	0	0	0	0	2
Hungary	2	1	3	3	2	1	0	12
India	2	1	1	11	4	0	1	20
Indonesia	0	0	0	0	0	2	0	2
Iran	2	1	1	3	0	0	0	7
Israel	0	1	0	3	0	0	0	4
Italy	0	8	14	4	0	0	0	26
Japan	1	2	5	5	6	2	3	24
Jordan	0	1	0	0	0	0	0	1
Kazakhstan	0	1	0	0	1	0	0	2
Lao	0	0	0	2	0	0	0	2
Luxembourg	0	0	0	0	0	0	1	1
Malaysia	0	1	0	1	0	0	0	2
Mauritius	3	0	0	0	0	0	0	3
Mexico	3	5	3	5	6	2	0	24
Netherlands	0	1	0	1	0	1	2	5
New Zealand	0	1	0	3	1	1	0	6
Nigeria	0	0	0	0	0	0	1	1
Norway	0	1	0	3	1	0	0	5
Oman	1	0	0	0	0	0	0	1
Pakistan	0	1	0	0	0	1	0	2
Panama	1	0	0	0	0	0	0	1
Philippines	0	0	2	2	0	0	0	4
Poland	2	1	0	1	1	1	0	6
Republic of Korea	0	3	0	7	1	0	0	11
Romania	1	2	1	1	1	0	0	6

Russian Federation	5	3	10	6	95	1	0	120
Rwanda	0	1	0	0	0	0	0	1
Saudi Arabia	3	0	0	0	1	0	0	4
Serbia	0	1	1	1	15	1	0	19
Singapore	0	0	0	0	0	1	0	1
Slovakia	0	0	1	2	3	2	0	8
Slovenia	0	0	0	0	3	1	0	4
South Africa	1	2	0	5	5	3	3	19
Spain	2	12	0	15	13	3	0	45
Sri Lanka	1	0	0	0	1	0	0	2
Sweden	0	2	0	2	0	1	1	6
Switzerland	0	1	0	0	3	0	0	4
Taiwan	2	0	1	6	5	0	3	17
Thailand	8	0	1	7	29	1	1	47
Togo	0	0	0	0	0	0	1	1
Tunisia	0	1	0	0	0	0	0	1
Turkey	0	1	0	0	0	0	0	1
United Kingdom	4	2	10	7	3	1	1	29
United States of America	11	13	3	32	24	4	6	93
Uruguay	0	0	0	1	0	0	0	1
Viet Nam	0	2	3	6	13	1	0	25

Table S7. Number of publications from each country having articles on the topic biological control recovered from searches in the Web of Science between January 2011 and February 2022.

Country	Ants	Beetles	Centipedes	Earthworms	Millepedes	Spiders	Termites	Macrofauna
Albania	1	0	0	3	0	0	1	0
Argentina	0	2	0	0	0	1	0	3
Australia	0	11	0	0	1	7	0	21
Austria	0	4	0	0	0	1	1	8
Azerbaijan	0	0	0	0	0	0	1	0
Belgium	2	2	0	0	0	0	0	4
Benin	1	0	0	0	0	0	0	1
Bosnia and Herzegovina	0	2	0	0	0	0	0	2
Brazil	6	18	0	1	0	2	0	27
Cameroon	1	0	0	0	0	0	0	2
Canada	1	11	0	1	0	1	0	15
China	3	15	0	5	0	5	0	28
Colombia	2	3	0	0	0	0	0	5
Costa Rica	1	0	0	0	0	0	0	1
Croatia	0	3	0	0	0	0	0	3
Denmark	0	4	0	0	0	0	0	4
Ecuador	2	0	0	0	0	0	0	2
Egypt	0	7	0	0	0	1	0	8
Estonia	0	1	0	0	0	0	0	1
Ethiopia	0	1	0	0	0	0	0	1
Finland	0	1	0	0	0	0	0	1
France	2	7	0	3	0	0	0	12
Germany	2	7	0	1	0	5	0	16
Ghana	1	0	0	0	0	0	1	2

Greece	0	2	0	0	0	1	0	3
Hungary	0	3	0	0	0	0	0	3
India	0	5	0	1	0	0	4	10
Indonesia	1	0	0	0	0	1	0	2
Iran	0	3	0	0	0	1	0	4
Israel	0	1	0	1	0	0	0	2
Italy	2	16	0	0	0	0	0	18
Japan	0	1	0	1	0	0	0	2
Kenya	0	3	0	2	0	0	1	6
Lebanon	0	2	0	0	0	0	0	2
Madagascar	0	0	0	0	0	2	0	0
Malaysia	0	1	0	0	0	0	1	2
Mexico	1	7	0	0	0	2	0	10
Morocco	0	2	0	2	0	0	0	4
Netherlands	1	1	0	0	0	0	0	2
New Zealand	0	2	0	0	0	1	0	3
Norway	1	1	0	0	0	1	0	3
Pakistan	0	5	0	0	0	1	1	7
Philippines	0	2	0	0	0	2	0	4
Poland	0	3	0	0	0	0	0	3
Portugal	1	3	0	2	0	2	0	8
Romania	0	2	0	0	0	0	0	2
Russian Federation	0	1	0	0	0	1	0	2
Rwanda	0	1	0	0	0	0	0	1
Senegal	1	0	0	0	0	0	0	1
Serbia	0	1	0	0	0	0	0	1
Slovakia	0	1	0	0	0	0	0	1
Slovenia	0	5	0	0	0	0	0	5

South Africa	2	14	0	1	0	2	1	20
Spain	7	9	0	2	0	7	0	25
Sweden	1	2	0	4	0	1	0	8
Switzerland	0	21	0	2	0	3	0	26
Taiwan	1	0	0	0	0	0	0	1
Tanzania	0	0	0	0	0	1	0	1
Thailand	0	3	0	1	0	1	0	5
Tunisia	0	1	0	0	0	0	0	1
Turkey	2	15	0	1	0	0	0	18
United Kingdom	1	11	0	0	0	2	0	17
United States of America	12	133	1	0	0	17	1	169
Uruguay	0	0	0	0	0	0	0	2
Zimbabwe	0	0	0	0	0	0	0	2

Table S8. Number of publications from each country having articles on the topic bioturbation recovered from searches in the Web of Science between January 2011 and February 2022.

	Ants	Beetles	Centipedes	Earthworms	Millipedes	Spiders	Termites	Macrofauna
Algeria	0	0	0	1	0	0	0	1
Argentina	3	0	0	1	1	0	0	5
Australia	6	0	0	0	0	0	7	13
Austria	0	1	0	2	0	0	0	3
Belgium	0	1	0	3	0	0	2	6
Botswana	0	1	0	0	0	0	2	3
Brazil	6	3	0	2	0	0	6	17
Canada	1	0	0	3	1	0	0	5
China	3	0	0	5	0	0	0	9
Colombia	1	0	0	1	0	0	0	4
Côte d'Ivoire	0	0	0	1	0	0	0	1
Czech Republic	0	1	0	3	0	0	2	7
Democratic Republic of the Congo	0	0	0	0	0	0	1	1
Denmark	1	0	0	3	0	0	1	6
Djibouti	0	0	0	0	0	0	1	1
Ecuador	0	0	0	1	0	0	0	1
Finland	2	0	0	0	0	0	2	4
France	3	1	0	28	0	0	9	43
Germany	2	2	0	13	0	0	1	19
Ghana	0	0	0	0	0	0	1	2
India	1	3	0	4	0	0	0	9
Japan	0	0	0	5	0	0	4	1
Malaysia	0	0	0	0	0	0	2	2
Mexico	0	1	0	1	0	0	1	3

Morocco	2	0	0	0	0	0	0	2
Netherlands	2	1	0	7	0	0	1	12
Nigeria	0	0	0	0	0	0	1	1
Paraguay	0	0	0	1	0	0	0	1
Peru	0	0	0	0	0	0	1	1
Philippines	0	0	0	1	0	0	0	1
Poland	0	0	0	4	0	0	0	4
Portugal	0	0	0	1	0	0	0	1
Republic of Korea	0	0	0	2	0	0	0	2
Russian Federation	0	1	0	3	0	0	0	4
Senegal	1	0	0	0	0	0	0	1
South Africa	0	1	0	1	0	0	3	5
Spain	1	1	0	3	0	0	0	7
Sweden	1	0	0	4	0	0	1	6
Switzerland	1	0	0	10	0	0	1	12
Tunisia	0	0	0	0	0	0	1	1
United Kingdom	4	3	0	11	0	0	2	20
United States of America	9	3	0	18	0	1	6	37
Uruguay	0	0	0	1	0	0	0	1
Viet Nam	0	0	0	6	0	0	3	10

Table S9. Number of publications from each country having articles on the topic composting recovered from searches in the Web of Science between January 2011 and February 2022.

Country	Ants	Beetles	Centipedes	Earthworms	Milliedes	Spiders	Termites	Macrofauna
Algeria	0	0	0	1	0	0	0	1
Argentina	0	0	0	2	0	0	0	2
Australia	1	0	0	5	0	0	0	6
Austria	0	0	0	10	0	0	0	10
Azerbaijan	0	0	0	1	0	0	0	1
Bangladesh	0	0	0	2	0	0	0	2
Belgium	0	0	0	5	0	0	0	6
Bolivia	0	0	0	2	0	0	0	2
Brazil	0	0	0	27	1	0	0	28
Bulgaria	0	0	0	1	0	0	0	1
Cameroon	0	0	0	1	0	0	0	1
Canada	0	0	0	10	0	0	0	10
Chile	0	0	0	2	0	0	0	2
China	1	0	0	113	0	0	0	115
Croatia	0	0	0	2	0	0	0	2
Czech Republic	0	0	0	20	0	0	0	20
Denmark	0	0	0	2	0	0	0	2
Ecuador	0	0	0	1	0	0	0	1
Egypt	0	0	0	1	0	0	0	1
Ethiopia	0	0	0	4	0	0	0	4
Fiji	0	0	0	1	0	0	0	1
France	0	0	0	12	0	0	0	12
Gabon	0	0	0	1	0	0	0	1
Ghana	0	0	0	2	0	0	0	2

Guyana	0	0	0	3	0	0	0	3
India	0	0	0	177	1	0	3	182
Iran	0	0	0	21	0	0	0	21
Iraq	0	0	0	1	0	0	0	1
Italy	0	0	0	12	0	0	0	12
Japan	0	0	0	24	0	0	0	24
Jordan	0	0	0	1	0	0	0	1
Kazakhstan	0	0	0	1	0	0	0	1
Kenya	0	0	0	3	0	0	0	3
Latvia	0	0	0	1	0	0	0	1
Lesotho	0	0	0	1	0	0	0	1
Madagascar	0	0	0	1	0	0	0	1
Malaysia	0	0	0	29	0	0	1	30
Mauritius	0	0	0	6	0	0	0	6
Mexico	0	0	0	18	0	0	0	18
Namibia	0	0	0	3	0	0	0	3
Netherlands	0	0	0	6	0	0	0	6
New Zealand	0	0	0	2	0	0	0	2
Pakistan	0	0	0	13	0	0	0	13
Peru	0	0	0	1	0	0	0	1
Portugal	0	0	0	5	0	1	0	5
Republic of Korea	0	0	0	12	0	0	0	12
Saudi Arabia	0	0	0	5	0	0	0	5
Slovakia	0	0	0	0	0	0	0	1
Slovenia	0	0	0	0	0	0	0	1
South Africa	0	0	0	15	0	0	0	15
Spain	0	0	0	28	0	0	0	28
Thailand	0	0	0	6	0	0	0	6

Trinidad and Tobago	0	0	0	2	0	0	0	2
Tunisia	0	0	0	1	0	0	0	1
Uganda	0	0	0	5	0	0	0	5
United Kingdom	0	0	0	17	0	0	0	17
United States of America	0	0	0	34	0	0	0	35
Viet Nam	0	0	0	5	0	0	0	5
Zambia	0	0	0	1	0	0	0	1

Table S10. Number of publications from each country having articles on the topic molecular approaches recovered from searches in the Web of Science between January 2011 and February 2022.

Country	Ants	Beetles	Centipedes	Earthworms	Millipedes	Spiders	Termites	Macrofauna
Algeria	0	0	0	1	0	0	0	1
Argentina	1	3	0	5	0	1	1	11
Australia	2	5	1	18	6	6	4	42
Austria	1	9	3	12	3	2	0	30
Belarus	1	0	0	0	0	0	0	1
Belgium	1	5	0	3	3	1	5	18
Brazil	5	5	0	17	0	1	3	31
Bulgaria	0	1	2	0	0	0	0	3
Cameroon	1	1	0	0	0	0	0	2
Canada	6	6	0	19	1	1	1	34
Chile	0	2	0	1	0	1	1	5
China	10	15	5	219	6	5	5	265
Costa Rica	1	0	0	0	0	0	0	1
Croatia	0	3	1	11	0	0	1	16
Cuba	0	0	0	1	1	0	0	2
Cyprus	0	1	0	0	0	1	1	3
Czech Republic	5	6	0	17	3	3	4	38
Democratic Republic of the Congo	0	0	0	5	0	0	0	1
Denmark	0	2	0	11	10	3	3	29
Ecuador	2	1	0	0	0	0	1	4
Egypt	0	4	0	3	1	2	0	10
Estonia	3	6	0	3	0	0	1	6
Finland	2	3	2	2	3	1	0	13

France	4	6	3	43	2	2	8	68
Georgia	0	2	0	0	0	0	0	2
Germany	2	12	7	16	26	7	9	79
Greece	0	2	1	1	0	0	0	4
Hungary	1	4	0	13	2	2	1	24
India	4	12	0	61	3	1	5	86
Indonesia	0	1	0	2	0	0	0	3
Iran	2	0	0	5	0	0	2	9
Israel	2	1	0	2	0	0	1	6
Italy	1	0	5	20	19	3	3	51
Japan	3	6	2	24	6	1	4	46
Jordan	1	0	0	0	0	0	0	1
Kenya	1	0	0	0	0	0	0	1
Luxembourg	0	0	0	0	0	0	2	2
Madagascar	0	0	0	2	0	0	0	3
Malaysia	1	2	0	1	0	0	3	7
Mauritius	2	0	0	0	0	0	0	2
Mexico	2	3	1	11	2	0	1	20
Morocco	0	0	0	1	0	0	0	1
Myanmar	0	0	0	1	0	0	0	1
Namibia	0	0	0	1	0	0	0	1
Nepal	0	0	0	1	0	0	0	1
Netherlands	2	5	0	8	0	2	2	19
New Zealand	1	4	0	13	1	1	1	21
Nigeria	0	0	0	5	0	0	0	5
Norway	0	2	0	11	0	0	0	13
Pakistan	0	4	0	5	0	2	0	11
Panama	1	0	0	0	1	0	1	3

Peru	0	2	0	0	0	0	0	2
Philippines	0	2	0	2	2	0	0	6
Poland	1	5	0	16	1	0	1	24
Portugal	3	17	0	1	0	1	0	22
Republic of Korea	1	1	1	29	2	0	0	35
Romania	1	1	0	0	2	1	0	5
Russian Federation	1	9	6	3	19	2	0	41
Rwanda	0	1	0	0	0	0	0	1
Saudi Arabia	1	3	0	1	1	1	1	8
Senegal	0	0	0	0	0	0	0	0
Serbia	0	3	0	0	0	0	0	3
Singapore	0	0	0	2	0	0	0	2
Slovakia	1	1	0	4	1	2	0	9
Slovenia	1	1	0	2	0	1	0	5
Solomon Islands	0	0	0	1	0	0	0	1
South Africa	2	13	0	7	2	3	5	32
Spain	1	12	2	27	3	1	1	47
Sri Lanka	0	1	0	2	0	0	1	4
Sweden	3	3	0	3	10	1	0	20
Switzerland	2	4	0	2	0	0	1	9
Taiwan	2	0	0	13	0	0	2	17
Thailand	5	4	0	10	6	2	2	29
Tunisia	0	1	0	5	0	0	0	6
Turkey	0	3	0	8	0	0	0	11
Ukraine	0	1	0	2	0	0	0	3
United Kingdom	2	8	5	38	2	6	4	65
United States of America	10	41	5	86	12	11	12	177
Uruguay	0	0	0	1	0	0	0	1

Viet Nam	3	3	0	1	2	1	0	10
Zambia	0	0	0	0	0	0	1	1
Zimbabwe	0	0	0	0	0	1	0	1

Table S11. Number of publications from each country having articles on the topic monolith recovered from searches in the Web of Science between January 2011 and February 2022.

Country	Ants	Beetles	Centipedes	Earthworms	Millipedes	Spiders	Termites	Macrofauna
Argentina	0	0	0	1	0	1	0	2
Australia	0	0	0	0	0	0	0	1
Belgium	0	0	0	1	0	0	0	1
Brazil	5	2	1	6	0	2	0	23
Burkina Faso	0	0	0	0	0	0	1	1
China	0	0	0	1	0	1	0	2
Colombia	3	0	0	1	1	0	1	8
Côte d'Ivoire	2	0	0	2	0	0	0	4
Cuba	0	0	0	1	0	0	0	2
Czech Republic	0	0	0	1	0	0	0	1
Denmark	0	0	0	1	0	0	0	1
Ecuador	1	0	0	0	0	0	0	1
Finland	0	0	0	1	0	0	0	1
France	2	0	0	5	0	0	0	7
Germany	0	0	0	4	0	0	0	4
Hungary	0	0	0	1	0	0	0	1
India	0	0	0	2	0	0	1	3
Indonesia	0	0	0	1	0	0	0	1
Iran	0	0	0	1	0	0	0	2
Italy	0	0	0	1	0	0	0	1
Kenya	0	0	0	1	0	0	0	2
Luxembourg	0	0	0	1	0	0	0	1
Mali	0	0	0	1	0	0	0	1
Mexico	1	2	0	0	0	0	0	3

Morocco	0	0	0	1	0	0	0	1
Netherlands	0	0	0	1	0	0	1	2
Pakistan	0	0	0	0	0	1	0	1
Peru	1	0	0	0	0	0	0	1
Poland	0	0	0	1	0	0	0	1
Romania	0	0	0	1	0	0	0	1
Russian Federation	0	0	0	1	0	0	0	1
Rwanda	0	0	0	0	0	0	0	1
South Africa	0	0	0	2	0	0	0	2
Spain	0	0	0	1	0	0	0	2
Togo	0	0	0	0	0	0	1	1
United Kingdom	0	0	0	4	0	0	0	4
United States of America	2	1	0	4	0	0	0	7
Zimbabwe	0	0	0	1	0	0	0	2

Table S12. Number of publications from each country having articles on the topic pitfall trap recovered from searches in the Web of Science between January 2011 and February 2022.

Country	Ants	Beetles	Centipede	Earthworms	Millepede	Spiders	Termites	Macrofauna
Albania	0	0	0	0	0	1	0	1
Algeria	2	4	0	3	1	1	0	11
Argentina	15	21	1	7	1	9	3	58
Australia	42	24	5	33	11	15	23	154
Austria	3	15	5	27	3	4	1	58
Bangladesh	2	0	0	1	0	0	1	4
Belarus	1	0	1	0	0	0	0	2
Belgium	8	6	1	16	10	3	9	53
Benin	0	0	0	0	1	0	1	2
Bolivia	0	0	0	2	0	0	0	2
Bosnia and Herzegovina	1	0	1	0	0	0	0	2
Botswana	0	1	0	1	0	0	1	3
Brazil	81	50	6	44	22	18	19	249
Bulgaria	0	4	2	3	8	1	0	18
Burkina Faso	1	0	0	0	0	0	1	2
Burundi	0	0	0	0	0	0	1	1
Cambodia	0	1	0	0	2	0	0	3
Cameroon	4	0	1	1	3	0	1	11
Canada	13	31	2	64	0	4	2	117
Chile	1	0	1	4	10	1	1	18
China	53	34	12	291	21	13	8	433
Colombia	10	12	0	7	0	1	3	36
Comoros	0	0	0	1	0	0	0	1
Costa Rica	2	2	0	1	0	0	0	6

Côte d'Ivoire	3	1	0	3	0	0	3	10
Croatia	1	11	1	9	4	1	0	27
Cuba	0	0	0	1	0	0	0	1
Cyprus	0	1	0	0	0	0	0	1
Czech Republic	10	30	6	23	6	11	6	93
Democratic Republic of the Congo	0	0	0	1	0	0	3	4
Denmark	9	6	0	28	27	6	1	78
Ecuador	1	4	0	2	0	1	1	10
Egypt	3	7	0	8	0	0	1	19
El Salvador	0	1	0	0	0	0	0	1
Estonia	6	4	1	5	0	1	0	17
Eswatini	0	0	0	0	0	0	1	1
Ethiopia	1	1	0	2	0	0	1	5
Fiji	0	0	0	1	0	0	0	1
Finland	7	6	3	12	2	2	0	32
France	19	28	2	98	10	12	16	195
Gabon	2	0	0	0	0	0	0	2
Georgia	1	0	0	0	0	1	0	2
Germany	42	55	17	98	25	23	14	277
Ghana	1	1	1	1	0	2	0	7
Greece	4	1	0	0	0	0	0	7
Hungary	3	17	0	15	9	4	1	49
India	17	15	2	65	1	4	9	113
Indonesia	2	1	0	1	7	3	0	15
Iran	11	2	0	12	2	0	0	29
Iraq	0	0	0	2	0	0	0	2
Israel	15	1	0	4	0	4	1	25
Italy	6	53	18	55	2	4	0	139

Japan	8	14	4	22	8	3	6	65
Jordan	0	1	0	0	0	0	0	1
Kenya	2	1	0	5	0	0	4	12
Kuwait	1	0	0	0	0	0	0	1
Lao	0	0	0	2	0	0	0	2
Latvia	0	0	0	0	1	0	0	1
Lebanon	0	1	0	0	0	0	0	1
Libya	0	0	0	1	0	0	0	1
Lithuania	0	3	0	1	0	0	0	4
Luxembourg	0	1	0	5	0	0	1	7
Madagascar	0	0	0	5	0	0	0	6
Malawi	0	1	0	0	0	0	1	2
Malaysia	8	3	1	8	0	0	7	28
Mali	0	0	0	1	0	0	0	1
Mauritius	3	0	0	2	0	0	0	5
Mexico	12	24	2	15	4	4	1	62
Mongolia	1	0	1	0	0	0	0	2
Morocco	0	2	0	2	0	1	0	5
Namibia	0	0	0	1	0	0	2	3
Nepal	0	1	0	1	0	0	0	2
Netherlands	6	8	1	45	3	3	4	72
New Zealand	4	9	1	23	1	3	1	42
Niger	0	0	0	0	0	0	3	3
Nigeria	1	1	0	3	0	1	1	7
North Macedonia	0	0	0	0	0	1	0	1
Norway	2	5	0	14	0	0	2	23
Oman	1	0	0	0	0	0	0	1
Pakistan	2	6	0	8	0	2	5	23

Panama	6	0	0	0	0	0	0	6
Papua New Guinea	1	0	0	0	0	0	0	1
Paraguay	1	0	0	1	0	0	0	2
Peru	0	2	0	0	1	1	1	5
Philippines	1	2	0	5	1	1	0	10
Poland	4	23	2	19	4	6	0	58
Portugal	7	9	3	19	2	5	0	45
Qatar	0	0	0	2	0	0	0	2
Republic of Korea	2	15	1	28	3	1	2	52
Romania	0	9	1	5	1	1	0	17
Russian Federation	6	18	10	17	41	8	3	105
Rwanda	1	1	0	1	0	0	1	4
Saudi Arabia	6	3	0	5	0	2	0	16
Senegal	1	0	0	0	0	0	1	2
Serbia	0	3	2	7	8	1	0	21
Singapore	1	1	0	5	0	0	4	12
Slovakia	2	16	3	3	10	7	0	42
Slovenia	1	6	2	7	2	2	0	20
Solomon Islands	0	0	0	1	0	0	0	1
Somalia	0	0	0	0	0	0	1	1
South Africa	22	16	0	9	1	10	23	83
Spain	30	31	1	68	12	9	1	153
Sri Lanka	2	0	0	0	0	0	1	3
State of Palestine	0	1	0	0	0	0	0	1
Sweden	5	12	1	19	6	5	0	49
Switzerland	6	4	10	8	28	6	0	64
Taiwan	4	0	0	14	2	1	2	23
Tanzania	0	1	0	1	0	1	1	4

Thailand	6	4	3	6	23	0	3	45
Togo	0	0	0	0	0	0	1	1
Trinidad and Tobago	0	0	0	5	0	0	0	5
Tunisia	0	4	0	7	0	0	0	11
Turkey	2	7	1	11	0	0	0	21
Uganda	2	0	0	0	0	0	1	3
Ukraine	0	7	0	3	1	1	0	12
United Arab Emirates	1	0	0	1	0	0	0	2
United Kingdom	22	47	25	135	7	14	11	265
United States of America	108	203	9	224	48	49	60	705
Uruguay	1	0	0	1	0	1	0	3
Uzbekistan	0	0	0	1	0	0	0	1
Venezuela	0	0	0	2	1	0	1	4
Viet Nam	2	4	3	15	17	1	1	43
Zambia	0	0	0	1	0	0	0	1
Zimbabwe	0	3	0	0	0	1	3	7

Table S13. Number of publications from each country having articles on the topic ecotoxicology recovered from searches in the Web of Science between January 2011 and February 2022.

Country	Ants	Beetles	Centipede	Earthworms	Millepede	Spiders	Termites	Macrofauna
Algeria	0	0	0	1	0	0	0	1
Argentina	0	0	0	3	0	0	0	3
Australia	0	1	0	8	0	0	0	9
Belgium	0	0	0	4	0	0	0	4
Belize	0	0	0	1	0	0	0	1
Brazil	0	2	0	23	3	0	0	28
Canada	0	0	0	14	0	1	0	15
China	0	0	0	31	0	3	0	34
Colombia	0	1	0	2	0	0	0	3
Comoros	0	0	0	1	0	0	0	1
Costa Rica	0	0	0	1	0	0	0	1
Croatia	0	0	0	5	0	0	0	5
Denmark	0	0	0	9	0	0	0	9
Egypt	0	0	0	1	0	0	0	1
Finland	0	0	0	1	0	0	0	1
Greece	0	0	0	1	0	0	0	1
Hungary	0	0	0	3	0	0	0	3
India	0	0	0	11	0	0	0	11
Iran	0	0	0	1	0	0	0	1
Iraq	0	0	0	1	0	0	0	1
Italy	0	0	0	10	0	0	0	10
Japan	0	0	0	2	0	0	0	2
Kazakhstan	0	1	0	0	0	0	0	1
Malawi	0	0	0	1	0	0	0	1

Mexico	0	1	0	3	0	0	0	4
Netherlands	0	0	0	15	0	0	0	16
New Zealand	0	0	0	6	0	0	1	7
Nigeria	0	0	0	2	0	0	0	3
Norway	0	0	0	6	0	0	0	6
Pakistan	0	0	0	1	0	0	0	1
Poland	0	0	0	1	0	0	0	1
Portugal	0	1	0	17	0	0	0	18
Republic of Korea	0	0	0	5	0	0	0	5
Romania	0	0	0	1	0	0	0	1
Russian Federation	0	1	0	2	0	0	0	3
Saudi Arabia	0	0	0	1	0	0	0	1
Slovakia	0	2	0	2	0	0	0	1
South Africa	0	0	0	7	0	1	1	9
Spain	0	1	0	16	0	0	0	17
Sweden	0	0	0	1	0	1	0	2
Switzerland	0	0	0	4	0	0	0	4
Turkey	0	0	0	1	0	0	0	1
Ukraine	0	0	0	1	0	0	0	1
United Kingdom	0	2	0	25	0	0	0	27
United States of America	0	0	0	22	0	1	1	25
Zimbabwe	0	0	0	1	0	0	0	1