

Appendix A – Table 1. We used search engines Google Scholar and Google News to query the use of terms used to describe “citizens” in articles written for scientific and general audiences. Searches were conducted on 18 December, 2016.

Citizen Term	Exact Search Term	Google Scholar	Google News
Amateur	Amateur + "citizen science"	3580	4350
General Public	"General Public" + "citizen science"	5040	988
Human Sensor	"Human Sensor" + "citizen science"	81	0
Hobbyist	Hobbyist + "citizen science"	479	202
Non-scientist	Non-scientist + "citizen science"	204	90
Civic Educator	"Civic Educator" + "citizen science"	4	1
Citizen Researcher	"Citizen Researcher" + "citizen science"	8	0
Citizen scientist	"Citizen scientist" + "citizen science"	1380	747
Volunteer	"Volunteer Scientist" + "citizen science"	24	2
Contributor	Contributor "citizen science" + "citizen science"	5920	3380
Donor	Donor + "citizen science"	1880	6320
Volunpeer	Volunpeer + "citizen science"	6050	9100
Anonymous	Anonymous + "citizen science" -reviewers	2300	3350
Non-Identified	Non-Identified + "citizen science"	9	171
Community	"Community scientists" + "citizen science"	86	4
Community Researcher	"Community Researcher" + "citizen science"	12	0
Collaborator	Collaborator + "citizen science"	2270	508
Layman	Layman + "citizen science"	423	140
Zooites	Zooites + "citizen science"	34	19
Player	Player + "citizen science"	3210	3650
Crafters	Crafters + "citizen science"	656	1710
Summer Camper	"Summer camp" + "citizen science"	141	121
Biological Recorder	"Biological recorder" + "citizen science"	3	0
Local partner	"Local partner" + "citizen science"	48	5
Traditional Knowledge Holder	"Traditional Knowledge Holder" + "citizen science"	1	0
Local Knowledge Holder	"Local Knowledge Holder" + "citizen science"	1	0
Participant	Participant + "citizen science"	12100	4640
Indigenous Knowledge Holder	"Indigenous Knowledge Holder" + "citizen science"	0	0
Uncredentialed Scientist	Uncredentialed + "citizen science"	29	47
Non-credentialed Researcher	Non-credentialed + "citizen science"	20	2
Nonacademic	"Non academic" + "citizen science"	382	29
Non-Scientist	"Non scientist" + "citizen science"	204	44
Partner	Partner + "citizen science"	10500	7860
Student	Student + "citizen science"	11500	12200
Pupil	Pupil + "citizen science"	895	1900

Appendix A-Table 2. We used search engines Google Scholar and Google News to query the use of terms used to describe “scientists” in articles written for scientific and general audiences. Searches were conducted on 18 December, 2016.

Scientist Term	Exact Search Term	Google Scholar	Google News
Commercial	Commercial + "citizen science"	8790	7310
Scientist-citizen	"Scientist-citizen" + "citizen science"	42	7
Professional	Professional + "citizen science"	11900	4420
Trained	Trained + "citizen science"	11600	9750
Civic Educator	"Civic Educator"+ "citizen science"	4	1
Researcher	Researcher + "citizen science"	13700	46800
Educated	Educated + "citizen science"	15600	19200
Credentialed	Credentialed + "citizen science"	276	54
Scientist-activist	"Scientist-activist" + "citizen science"	30	0
Laboratory	Laboratory + "citizen science"	11500	13700
Public Scientist	"Public Scientist" + "citizen science"	25	2
Citizen Scientist	"Citizen Scientist" + "citizen science"	1380	751
Academic	Academic + "citizen science"	12300	46200
Paid	Paid + "citizen science"	7870	7100
Employed	Employed + "citizen science"	9790	5480
Elite	Elite + "citizen science"	1970	1180
Community Scientist	"Community Scientist" + "citizen science"	28	3