

country	institution name and city	acronym	GRBio URL	Q2	Q2	Q2	Q2	Q2	# total	Q3	Q4	Q4	Q4	Q4	Q4	Q4	# total cryo	Q5	Q6	Q7	Q8	% total # specimens to	Q8	% total # specimens to	Q9	# occurrences	# georeferenced	% # occurrences in GBIF to #	% total # specimens in GBIF to	% total # georeferenced specimens in	% total # specimens publicly accessible	GBIF data-set doi or permanent URL	GBIF notes	# specimens
				# specimens pinned	# specimens vials/fluid	# specimens slide-mounted	# specimens enveloped	# specimens / tissues cryo-preserved	specimens	cryo-collection	# specimens 95–100% EtOH	# specimens -20C freezer	# specimens -80C freezer	# specimens RNAlater	# specimens liquid Nitrogen	# specimens other	specimens	genomic network	# specimens loaned annually (5 year average)	% loans genomic	# specimens databased	%	# records publicly accessible	%	database software	in GBIF	occurrences in GBIF	% occurrences in GBIF to # georeferenced occurrences in GBIF %	% total # specimens in GBIF to total # databased specimens %	% total # georeferenced specimens in GBIF to total # databased specimens %	% total # specimens publicly accessible to total # specimens in GBIF %			
Australia	Australian Museum, Sydney, NSW	AMS	http://grbio.org/cool/xphn-vmdb	500,000	5,000,000	600	3,600	0	5,504,200	—	0	0	0	0	0	0	0	—	8,000	10	33,100	0.6	33,000	0.6	KE EMu	280,744	272,224	97.0	848.2	822.4	850.7	http://dx.doi.org/10.15468/e7susi	232,842 and 225,493 Insecta, 47,902 and 46,731 Arachnida	0
Australia	Australian National Insect Collection, Canberra, ACT	ANIC	http://biocol.org/urn:lsid:biocol.org:col:32981	12,000,000	1,000,000	250,000	5,000	50,000	13,305,000	√	45,000	45,000	5,000	3,000	0	0	98,000	GGBN	26,000	20	500,000	3.8	500,000	3.8	Collective Access	191,803	184,950	96.4	38.4	37.0	38.4	http://dx.doi.org/10.15468/s1hm8r		0
Australia	Queensland Museum, Brisbane	QM	http://biocol.org/urn:lsid:biocol.org:col:35019	3,000,000	500,000	2,600	10,000	100	3,512,700	√	50	0	50	0	0	0	100	—	7,100	25	248,000	7.1	230,321	6.6	Specify, Vernon	237,759	228,573	96.1	103.2	95.9	103.2	http://dx.doi.org/10.15468/lotyse	189,588 and 185,346 Insecta, 48,171 and 43,227 Arachnida	0
Belgium	Institut Royal des Sciences Naturelles de Belgique, Brussels	INBN	http://grbio.org/cool/c7r2-61g8	20,000,000	5,000	5,000	100,000	5,000	20,115,000	√	1,000	1,000	0	0	0	0	2,000	—	60,000	2	1,011,500	5.0	1,011,500	5.0	MS Access	141,982	7,449	5.2	14.0	0.7	14.0	http://dx.doi.org/10.15468/qxy4mc	79,129 and 6,774 Insecta, 62,853 and 675 Arachnida	0
Brazil	Instituto Nacional de Pesquisas da Amazônia, Manaus, Amazonas	INPA	http://grbio.org/cool/rm88-499z	1,500,000	3,000,000	5,000	2,000	0	4,507,000	—	0	0	0	0	0	0	0	—	5,000	10	32,000	0.7	32,000	0.7	Specify	41,139	10,242	24.9	128.6	32.0	128.6	http://www.gbif.org/publisher/c0d9c91a-0f83-4819-bf7e-bb5e1184eb6b		0
Brazil	Museu de Zoologia, Universidade de São Paulo, São Paulo,	MZSP	http://grbio.org/cool/y9p6-zxp9	3,000,000	60,000	25,000	50,000	0	3,135,000	√	4,000	4,000	0	0	0	0	8,000	BrBOL	1,500	0	30,000	1.0	0	0.0	Specify	0	0	0.0	0.0	0.0	0.0	http://www.gbif.org/publisher/76dbcb10-efc5-4d5f-87a5-bcd409fc92c8		0
Canada	Canadian National Collection of Insects, Arachnids and Nematodes, Ottawa, ON	CNC	http://grbio.org/cool/y2kv-9w3k	16,000,000	500,000	500,000	0	0	17,000,000	√	1,000	1,000	1,000	0	0	0	3,000	—	23,000	5	1,100,000	6.5	800,000	4.7	in-house Java	44,501	43,557	97.9	4.0	4.0	5.6	http://dx.doi.org/10.15468/aidtmg		0
Canada	Royal Ontario Museum, Toronto, ON	ROME	http://biocol.org/urn:lsid:biocol.org:col:34778	750,000	750,000	0	30,000	0	1,530,000	—	0	0	0	0	0	0	0	—	1,000	0	131,000	8.6	27,000	1.8	MS Access	3,670	3,664	99.8	13.6	2.8	13.6	http://dx.doi.org/10.15468/cqmcyr		0
Denmark	Natural History Museum of Denmark, Copenhagen	ZMUC	http://biocol.org/urn:lsid:biocol.org:col:34644	4,000,000	4,000,000	100,000	0	0	8,100,000	√	5,000	0	0	500	0	5,000	10,500	GGBN	1,000	50	100,000	1.2	100,000	1.2	Specify	14,473	14,153	97.8	14.5	14.2	14.5	http://dx.doi.org/10.15468/nnobcm		0
France	Museum national d'Histoire naturelle, Paris	MNHN	http://biocol.org/urn:lsid:biocol.org:col:34988	39,000,000	500,000	500,000	0	0	40,000,000	√	5,000	5,000	5,000	0	0	0	10,000	GenBank	5,000	0	45,619	0.1	45,619	0.1	Jacim	48,850	5,616	11.5	107.1	12.3	107.1	http://www.gbif.org/publisher/2cd829bb-b713-433d-99cf-64bef11e5b3e		0
Germany	Senckenberg Deutsches Entomologisches Institut, Münchenberg	SDEIC	http://biocol.org/urn:lsid:biocol.org:col:33211	3,150,000	5,025,000	120,000	3,000	75,000	8,373,000	√	10,000	26,000	35,000	0	0	0	71,000	BOLD	7,800	1	1,131,000	13.5	454,000	5.4	Paradox	0	0	0.0	0.0	0.0	0.0			0
Germany	Zoologisches Forschungsmuseum Alexander Koenig, Bonn	ZMFK	http://biocol.org/urn:lsid:biocol.org:col:34613	4,854,500	98,000	18,200	9,000	48,600	5,028,300	√	86,800	10,800	100	20	40,000	0	137,720	GGBN, DNA Bank Network, Frozen Ark, ISBER, ESBB	1,630	1	237,400	4.7	237,400	4.7	Diversity Workbench Suite	54,620	38,504	70.5	23.0	16.2	23.0	http://www.gbif.org/publisher/6e1cad80-bdf5-11d8-84ea-b8a03c50a862		4,943
Germany	Museum für Naturkunde, Berlin	ZMHB	http://grbio.org/cool/jp8y-l5nv	13,500,000	1,500,000	50,000	300,000	0	15,350,000	√	2,000	1,000	0	0	0	0	3,000	—	80,000	1	1,530,000	10.0	1,530	0.0	Specify, MS Access	0	0	0.0	0.0	0.0	0.0	http://www.gbif.org/publisher/10980920-6dad-11da-ad13-b8a03c50a862		0
Germany	Zoologische Staatssammlung, München	ZSMC	http://grbio.org/cool/a6ms-py1z	20,000,000	2,000,000	800,000	0	5,000	22,805,000	√	2,000	30,000	0	0	0	0	32,000	GGBN	200,000	75	2,000,000	8.8	20,000	0.1	Specify, MS Access	99,749	91,985	92.2	5.0	4.6	498.7	http://dx.doi.org/10.15468/tfpnkp		0
Netherlands	National Museum of Natural History, Naturalis, Leiden	RMNH	http://biocol.org/urn:lsid:biocol.org:col:34992	15,000,000	2,000,000	100,000	200,000	0	17,300,000	—	0	0	0	0	0	0	0	—	1	800,000	4.6	800,000	4.6	Brahmsa	1,067,463	68,400	6.4	133.4	8.6	133.4	http://www.gbif.org/publisher/396d5f30-dea9-11db-8ab4-b8a03c50a862		0	
New Zealand	New Zealand Arthropod Collection, Landcare Research, Auckland	NZAC	http://biocol.org/urn:lsid:biocol.org:col:34070	1,000,000	6,000,000	50,000	0	5,000	7,055,000	√	5,000	0	0	0	0	0	5,000	yes	7,500	5	50,000	0.7	50,000	0.7	in-house software	0	0	0.0	0.0	0.0	0.0	http://www.gbif.org/publisher/6b2f029b-7823-4b84-9c30-31ff364238fe		0
Russia	Zoological Institute, Russian Academy of Sciences, St. Petersburg	ZIN	http://grbio.org/cool/z2y8-2lfr	20,000,000	5,000	50,000	3,000,000	5,000	23,060,000	√	1,000	1,000	500	0	0	0	2,500	—	5,000	2	100,000	0.4	100	0.0	MS Access, MS Excel	0	0	0.0	0.0	0.0	0.0	http://www.gbif.org/publisher/c14b9ce2-9545-4376-8a3b-6741558c256a		0
Singapore	Lee Kong Chian Natural History Museum, National University of Singapore		http://lkcnhm.nus.edu.sg	200,000	1,000,000	5,000	5,000	800	1,210,800	√	1,000	1,000	200	100	800	0	3,100	—	100	1	1,000	0.1	1,000	0.1	0	0	0	0.0	0.0	0.0	0.0			0
South Africa	KwaZulu-Natal Museum, Pietermaritzburg, KZN	NMSA	http://biocol.org/urn:lsid:biocol.org:col:34985	450,000	3,000	10,000	0	0	463,000	—	0	0	0	0	0	0	0	—	2,000	1	94,000	20.3	35,000	7.6	Specify, MS Access	0	0	0.0	0.0	0.0	0.0	http://www.gbif.org/publisher/0c163d39-b67e-4bd9-a2f4-6344b67247f9		0
Sweden	Swedish Museum of Natural History, Stockholm	NHRS	http://grbio.org/cool/jd65-7xyf	2,254,000	1,135,000	5,000	200	0	3,394,200	√	1,000,000	0	0	0	0	0	1,000,000	—	1,500	3	112,000	3.3	112,000	3.3	Specify	102,821	39,593	38.5	91.8	35.4	91.8	http://dx.doi.org/10.15468/fpyvix		0
UK	Natural History Museum, London	BMNH	http://biocol.org/urn:lsid:biocol.org:col:34665	26,213,086	6,736,612	788,159	5,000	220,000	33,962,857	√	1,000	1,000	0	0	0	0	2,000	GGBN, Frozen Ark	5,850	6	375,375	1.1	375,375	1.1	KE EMu, Freezer Pro	249,159	28,982	11.6	66.4	7.7	66.4	http://www.gbif.org/dataset/7e380070-f762-11e1-a439-00145eb45e9a	246,898 and 28,962 Insecta, 2,261 and 20 Arachnida	66
UK	Oxford Museum of Natural History, Oxford	OUMNH	http://grbio.org/cool/g6yf-wft0	5,000,000	500,000	10,000	5,000	0	5,515,000	√	0	5,000	0	0	0	0	5,000	—	4,000	10	4,412,000	80.0	551,500	10.0	KE EMu	0	0	0.0	0.0	0.0	0.0			0
USA	American Museum of Natural History, New York, NY	AMNH	http://biocol.org/urn:lsid:biocol.org:col:34925	15,000,000	500,000	55,000	140,000	5,000	15,700,000	√	0	0	0	0	0	0	0	—	23,333	1	350,000	2.2	350,000	2.2	MS Access, FileMaker Pro, in-house MySQL, MS Excel	0	0	0.0	0.0	0.0	0.0	http://www.gbif.org/publisher/ccd1ddc0-6c21-11de-8224-b8a03c50a862		0
USA	Academy of Natural Sciences at Drexel University, Philadelphia, PA	ANSP	http://biocol.org/urn:lsid:biocol.org:col:34784	2,500,000	1,250,000	125,000	125,000	0	4,000,000	√	5,000	0	0	0	0	0	5,000	—	2,200	5	43,578	1.1	43,578	1.1	FileMaker Pro	0	0	0.0	0.0	0.0	0.0	http://www.gbif.org/publisher/f9b67ad0-9c9b-11d9-b9db-b8a03c50a862		0
USA	Hasbrouck Insect Collection, Arizona State University, Tempe, AZ	ASUC	http://grbio.org/cool/ixy6-3sw7	780,000	7,000	0	1,000	0	788,000	√	0	500	0	0	0	0	500	—	5,000	0	73,777	9.4	73,777	9.4	Symbiota	0	0	0.0	0.0	0.0	0.0			0
USA	Bernice P. Bishop Museum, Honolulu, HI	BPBM	http://biocol.org/urn:lsid:biocol.org:col:34697	13,000,000	1,000,000	250,000	50,000	0	14,300,000	—	0	0	0	0	0	0	0	GenBank	6,000	1	215,000	1.5	111,641	0.8	Specify, MS Access	114,925	23	0.0	53.5	0.0	102.9	http://dx.doi.org/10.15468/s6ctus	72,959 and 23 Insecta, 827 and 0 Arachnida	0
USA	California Academy of Sciences, San Francisco, CA	CAS	http://biocol.org/urn:lsid:biocol.org:col:15690	7,000,000	6,000,000	5,000	5,000	5,000	13,015,000	√	1,000,000	5,000	0	0	0	0	1,005,000	—	100,000	10	7,000,000	53.8	7,000,000	53.8	Monarch, MS Access	177,466	176,654	99.5	2.5	2.5	2.5	http://dx.doi.org/10.15468/3lbpmq	AntWeb data-set also at GBIF, but not only CAS specimens	0
USA	Cornell University Insect Collection, Ithaca, NY	CUIC	http://grbio.org/cool/sxrc-6x8s	5,600,000	200,000	160,000	80,000	0	6,040,000	—	0	0	0	0	0	0	0	BOLD	665	25	120,000	2.0	0	0.0	0	0	0	0.0	0.0	0.0	0.0			0
USA	Essig Museum of Entomology, University of California, Berkeley, CA	EMEC	http://biocol.org/urn:lsid:biocol.org:col:1013	5,000,000	60,000	300,000	5,000	0	5,365,000	—	0	0	0	0	0	0	0	—	16,000	20	250,000	4.7	250,000	4.7	in-house MySQL	221,721	177,993	80.3	88.7	71.2	88.7	http://dx.doi.org/10.15468/0sauc		