

Top 100 Datasets in the ALA

March 2022



The ALA is made possible by contributions from its partners, is supported by NCRIS and hosted by CSIRO.

Our vision at the Atlas of Living Australia (ALA) is to deliver trusted biodiversity data services for Australia, supporting world-class research and decision-making. We do this by helping to create a more detailed picture of Australia’s biodiversity for scientists, policy makers, environmental planners and land managers, industry and the general public, enabling them to work more efficiently.

The ALA is a collaborative, digital, open infrastructure that pulls together Australian biodiversity data from multiple sources, making it accessible and reusable. Much this content, such as occurrence records, environmental data, images and the conservation status of species, comes from datasets provided by collecting institutions, individual collectors and community groups (Table 1).

Table 1. Top 100 datasets in the ALA (by number of records) as of March 2022.

No.	Dataset Name	Institution	No. of records	Latest upload
1	eBird Australia	eBird Australia	26,644,454	29/9/2021
2	NSW BioNet Atlas	New South Wales Government	12,562,550	2/3/2022
3	BirdLife Australia, Birdata	BirdLife Australia	11,635,460	29/9/2021
4	Victorian Biodiversity Atlas	Victoria Government	8,285,400	29/9/2021
5	Ocean Biodiversity Information System	Ocean Biodiversity Information System	4,422,004	Multiple dates
6	SA Flora and Fauna (BDBSA)	South Australia Government	3,599,130	7/2/2022
7	New South Wales Bird Atlassers	NSW Bird Atlassers	3,381,819	29/9/2021
8	iNaturalist Australia	iNaturalist Australia	2,851,988	6/3/2022

9	BirdLife Australia, First Bird Atlas	BirdLife Australia	2,712,345	29/9/2021
10	Flora and Fauna Atlas N.T.	Northern Territory Government	1,975,720	29/9/2021
11	Garden Bird Surveys	Canberra Ornithologists Group	1,655,345	29/9/2021
12	Australian Museum provider for OZCAM	Australian Museum	1,560,995	29/9/2021
13	Australian Antarctic Data Centre	Australian Antarctic Data Centre	1,246,772	Multiple dates
14	Tasmanian Natural Values Atlas	Tasmania Government	1,121,933	29/9/2021
15	Biome of Australia Soil Environments		1,024,190	29/9/2021
16	Royal Botanic Gardens, Victoria - MEL AVH data	Australia's Virtual Herbarium	1,016,987	21/2/2022
17	New Zealand Virtual Herbarium	New Zealand Virtual Herbarium	1,005,699	29/9/2021
18	Museums Victoria provider for OZCAM	Museums Victoria	993,852	18/1/2022
19	Australian National Herbarium - CANB AVH data	Centre for Australian National Biodiversity Research	871,432	21/2/2022
20	Queensland Museum provider for OZCAM	Queensland Museum	835,736	6/3/2022
21	CSIRO Oceans & Atmosphere	CSIRO Oceans & Atmosphere	824,459	Multiple dates

22	Western Australian Herbarium - PERTH AVH data	Western Australia, Department of Biodiversity, Conservation and Attractions	812,370	29/9/2021
23	Royal Botanic Gardens & Domain Trust - NSW AVH feed	The Royal Botanic Gardens & Domain Trust	771,769	22/11/2021
24	BirdLife Australia, Historical Bird Atlas	BirdLife Australia	749,213	29/9/2021
25	State Herbarium of South Australia - AD AVH	Department of Environment and Natural Resources	738,277	27/1/2022
26	WildNet - Queensland Wildlife Data	Queensland Government	724,021	29/9/2021
27	Western Australian Museum provider for OZCAM	Western Australian Museum	631,179	29/9/2021
28	Queensland Herbarium - BRI AVH data	Queensland Department of Environment and Science	541,681	7/12/2021
29	South Australian Museum Australia provider for OZCAM	South Australian Museum	539,910	7/3/2022
30	Murray-Darling Basin Authority	Murray-Darling Basin Authority	467,476	Multiple dates
31	Earth Guardians Weekly Feed	Questagame	364,520	7/3/2022
32	Reef Life Survey: Global reef fish dataset	Reef Life Survey	329,775	29/9/2021

33	NatureMap, Western Australia Department of Biodiversity, Conservation and Attractions	Western Australian Government	324,652	29/9/2021
34	Department of Environment Parks and Water Security, Northern Territory - DNA AVH data	Department of Environment and Natural Resources	295,223	14/10/2021
35	Western Australia Bird Surveys (1987-2015)		290,016	29/9/2021
36	Australian Museum, FrogID	Australian Museum	271,689	31/1/2022
37	Tasmanian Museum and Art Gallery - HO AVH data	Tasmanian Museum and Art Gallery	265,817	2/3/2022
38	Northern Territory Museum and Art Gallery provider for OZCAM	Museum and Art Gallery of the Northern Territory	229,051	29/9/2021
39	Australian National Wildlife Collection provider for OZCAM	Commonwealth Scientific and Industrial Research Organisation	224,997	5/10/2021
40	Australian National Insect Collection	Commonwealth Scientific and Industrial Research Organisation	214,114	29/9/2021
41	Tasmanian Museum and Art Gallery provider for OZCAM	Tasmanian Museum and Art Gallery	190,683	29/9/2021
42	Fungimap	Fungimap	180,616	29/9/2021
43	Qweeds - Queensland	Queensland Government	140,636	19/1/2022

44	Australian Tropical Herbarium = CNS AVH data	Australian Tropical Herbarium	135,646	6/3/2022
45	European Molecular Biology Laboratory Australian Mirror	European Molecular Biology Laboratory Australia	118,898	29/9/2021
46	ALA species sightings and OzAtlas	Citizen Science - ALA Website	118,561	6/3/2022
47	Australian Plant Image Index	Australian National Botanic Gardens	113,749	29/9/2021
48	Conservation Atlas Surveys	The University of Queensland	100,372	29/9/2021
49	Queen Victoria Museum Art Gallery provider for OZCAM	Queen Victoria Museum and Art Gallery	96,596	29/9/2021
50	BowerBird	BowerBird	95,797	29/9/2021
51	ClimateWatch	ClimateWatch	93,613	29/9/2021
52	University of New England - NE AVH data	University of New England	91,845	29/9/2021
53	Canberra Nature Map	NatureMapr	90,014	29/11/2021
54	NIWA freshwater fish	New Zealand National Institute of Water and Atmospheric Research	81,299	29/9/2021
55	CSIRO Bee Trap Surveys	Commonwealth Scientific and Industrial Research Organisation	71,280	29/9/2021

56	Encyclopedia of Life Images - Flickr Group	Flickr	61,027	29/9/2021
57	QLD DERM Coastal Bird Atlas (Trial)	Queensland Department of Environment and Science	60,507	29/9/2021
58	Birds of Rottnest Island, Western Australia, 1981 - 2007		56,582	29/9/2021
59	Waite Insect and Nematode Collection	University of Adelaide	56,490	29/9/2021
60	Northern Gulf Fauna Survey	Northern Gulf Resource Management Group Ltd	53,744	29/9/2021
61	PaDIL Bee records		52,055	29/9/2021
62	Canterbury Museum Mayfly Collection	Canterbury Museum	48,992	29/9/2021
63	WCPS Bird Survey Project		44,702	6/3/2022
64	CSIRO Ichthyology provider for OZCAM	Commonwealth Scientific and Industrial Research Organisation	44,680	29/9/2021
65	Bathing Birds - National Parks Association NSW and Birdlife Australia	National Parks Association of NSW	42,190	29/9/2021
66	Tamborine Mountain Weekly Bird Observations		38,694	29/9/2021
67	NatureShare		36,606	29/9/2021

68	Reef Life Survey: Cryptic Fish		36,396	29/9/2021
69	BOLD - Australian records	Barcode of Life	35,694	29/9/2021
70	Advanced Ecological Knowledge and Observation System		35,628	29/9/2021
71	Wolli Creek Preservation Society Bird Survey	Wolli Creek Preservation Society	33,415	29/9/2021
72	Marine Molluscs of Tasmania		32,311	29/9/2021
73	Atlas of Life in the Coastal Wilderness	NatureMapr	31,970	29/9/2021
74	Australian Museum, Lizard Island Research Station	Australian Museum	31,757	29/9/2021
75	NSW Waterwatch		30,317	29/9/2021
76	Australian Native Plants Society, Canberra Region		29,219	29/9/2021
77	University of Melbourne - melu_avh	The University of Melbourne	29,215	22/11/2021
78	James Cook University - JCT AVH data	James Cook University	26,483	26/10/2021
79	Tanami Pipeline Project Records		25,042	29/9/2021
80	Brisbane City Council		21,631	29/9/2021

81	University of New South Wales - UNSW AVH data	University of New South Wales	21,040	29/9/2021
82	Australian Antarctic Division Herbarium	Australian Antarctic Data Centre	18,473	29/9/2021
83	Upper Murrumbidgee Waterwatch		17,361	29/9/2021
84	Eyre Peninsula's Bird Monitoring Program	Eyre Peninsula Landscape Board	14,585	6/3/2022
85	North East Dung Beetle Project		14,352	29/9/2021
86	Records of the Australian National Botanic Gardens Seedbank	Australian Seedbank Partnership	14,010	29/9/2021
87	Gang-gang cockatoo survey		13,441	29/9/2021
88	Butterflies Australia	Butterflies Australia	12,914	29/9/2021
89	Melbourne Water Frog Census		12,609	17/2/2022
90	Gaia Guide		12,603	29/9/2021
91	Echidna-CSI		12,141	6/3/2022
92	University of Wollongong - WOLL AVH data	University of Wollongong	11,802	29/9/2021
93	Records of the WA Seed Technology Centre	Botanic Gardens and Parks Authority	11,687	29/9/2021

94	PaDIL		11,505	29/9/2021
95	ReefWatch	Victorian National Parks Association	11,500	6/3/2022
96	The distribution and host range of the pandemic disease chytridiomycosis in Australia, spanning surveys from 1956 to 2007.		11,498	29/9/2021
97	Records of the Queensland Plant Pathology Herbarium	Queensland Department of Agriculture and Fisheries	11,384	29/9/2021
98	ACT Wildlife Atlas		11,239	29/9/2021
99	PlantBank Records	The Royal Botanic Gardens & Domain Trust	10,609	29/9/2021
100	NSW South Coast & ACT plants		9,489	29/9/2021

Table 2. Key to Herbaria institution names.

Key to Herbaria institution names	
MEL	Royal Botanic Gardens, Victoria
CANB	Australian National Herbarium
PERTH	Western Australian Herbarium
NSW	Royal Botanic Gardens & Domain Trust
AD	State Herbarium of South Australia
BRI	Queensland Herbarium
DNA	Department of Environment Parks and Water Security, Northern Territory
HO	Tasmanian Museum and Art Gallery
CNS	Australian Tropical Herbarium
NE	University of New England
Melu	University of Melbourne
JCT	James Cook University
UNSW	University of New South Wales
WOLL	University of Wollongong
LTB	La Trobe University
DAR	Orange Agricultural Institute