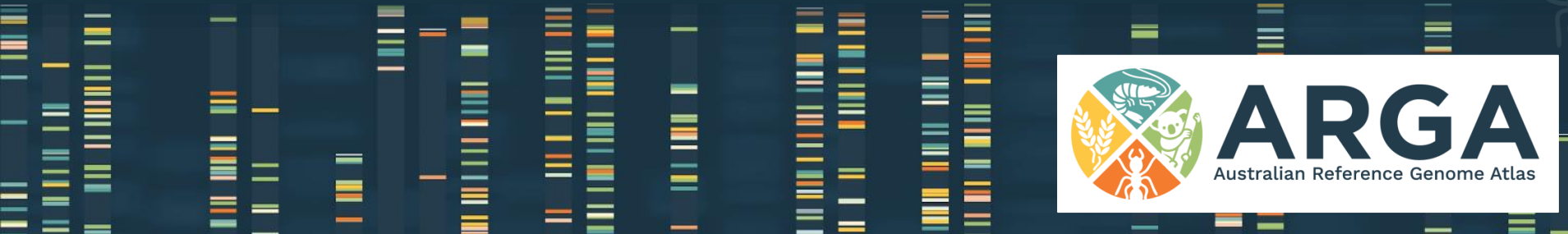
Curating species lists: Aggregating data to enhance context

eResearch Conference, 18 October 2023

Keeva Connolly, Kathryn Hall

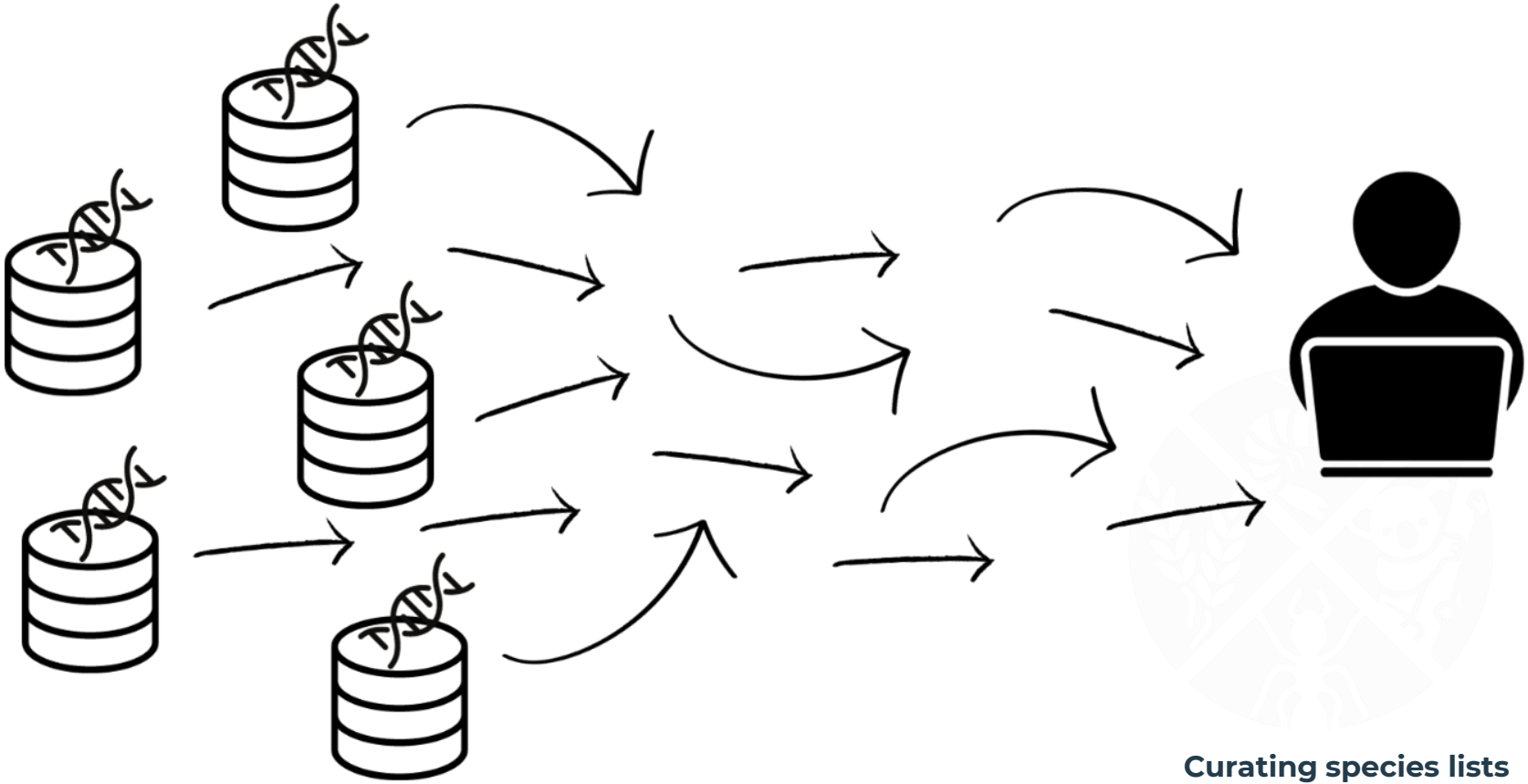


ARGA
Australian Reference Genome Atlas

ARGA Partnerships

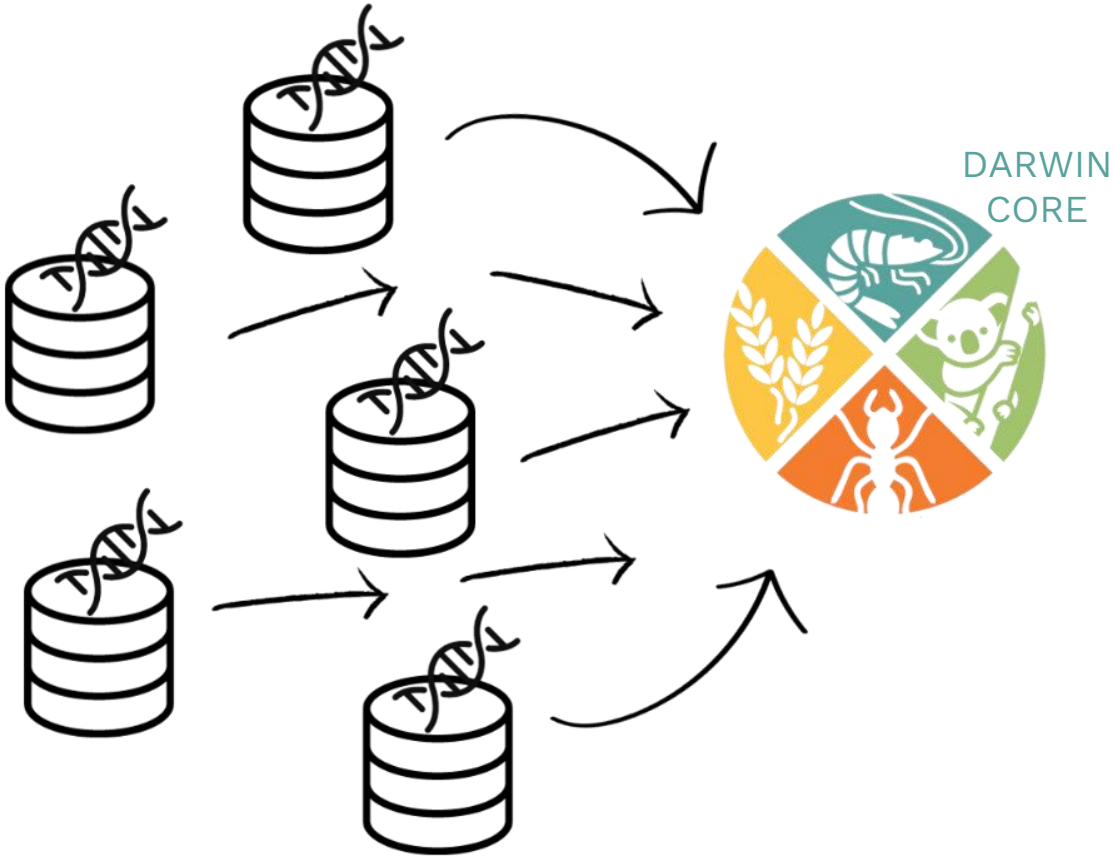
The Australian Reference Genome Atlas (ARGA) is an NCRIS-enabled platform powered by the Atlas of Living Australia (ALA), in collaboration with Bioplatforms Australia and the Australian BioCommons, with investment from the Australian Research Data Commons (ARDC) (https://doi.org/10.47486/DC011). ARGA integrates data sourced from a number of international repositories, including NCBI GenBank, EMBL-ENA and Bioplatforms Australia.

ARGA is an indexing platform



Curating species lists

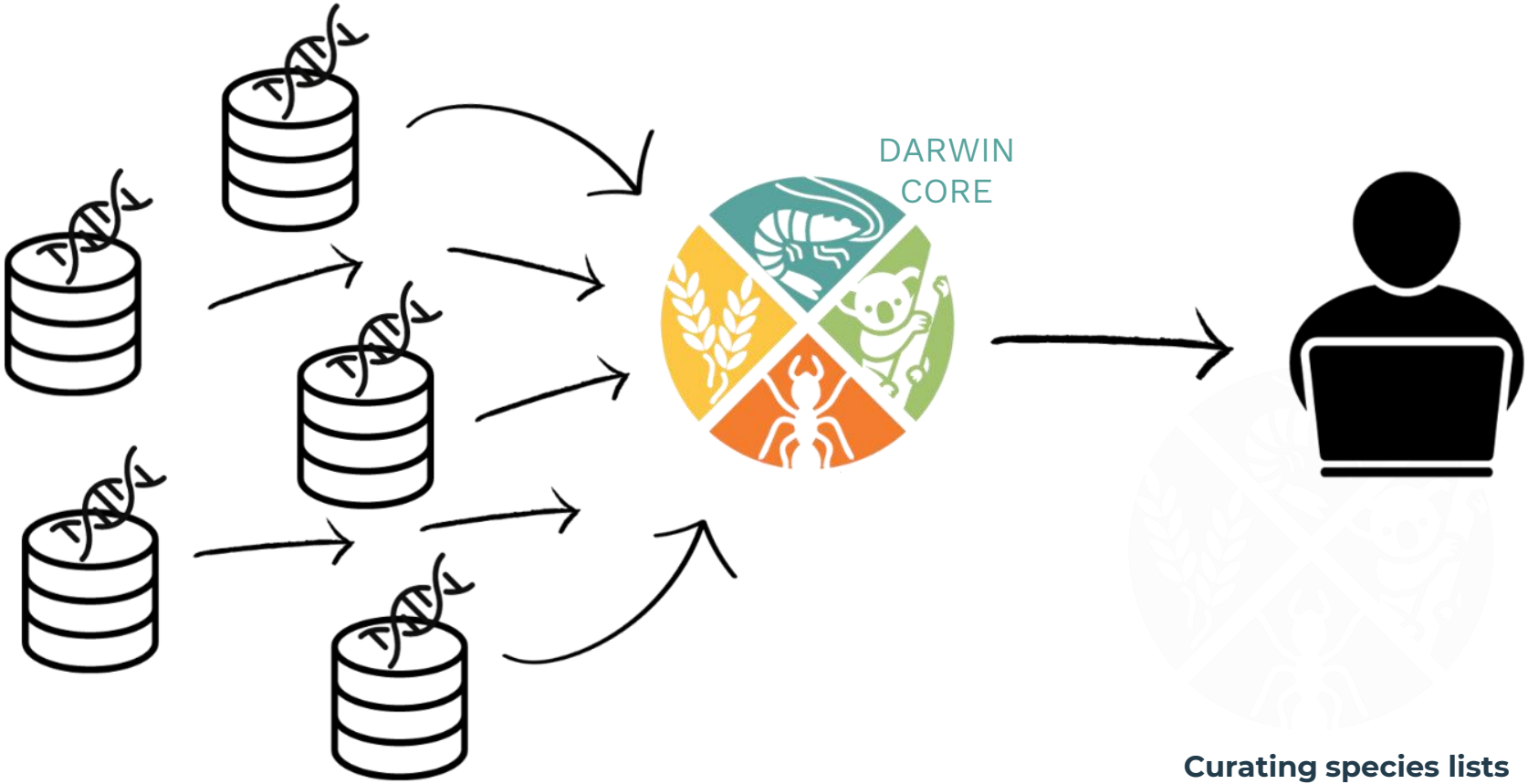
ARGA is an indexing platform



DARWIN CORE

Curating species lists

ARGA is an indexing platform



Curating species lists

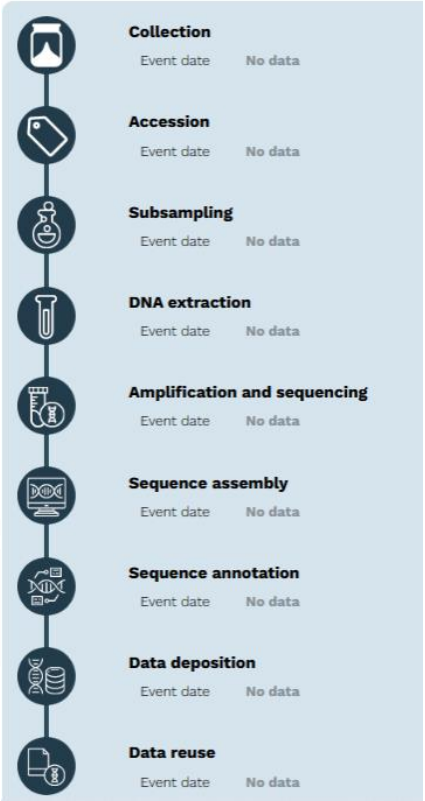
taxonomy
ecology
phenotype

whole genomes
DNA sequences
variant data

ARGA Project is building an indexing service for discovering, filtering and accessing complex life science data within biological contexts.

Context at the specimen and sequence level

- Sequence data deposited without descriptive metadata impedes trust and re-use
- ARGA aims to expose context to help users make informed quality judgements
- Aggregates and clarify metadata at each step of the event chain



Curating species lists

Context at the species level

- Sequence data are rarely deposited with related ecological data
- Collating species lists from trusted sources to connect sequence data to relevant, species-level ecological, biological and legal data
- Functions of species lists:
  - Provide information from species profile pages
  - Enable searching, filtering and browsing according to traits
  - Summarise genomic data availability for groups of species

Species list themes

- Widely applicable
- Relevant to genomic data
- Australian-centric

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Threatened species

Species list themes

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Threatened species

CITES-listed species

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Invasives and pests

CITES-listed species

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Crop wild relatives

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Migratory species

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Migratory species

Invasives and pests

Threatened species

Crop wild relatives

Species vulnerable to fire

CITES-listed species

Species list themes

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- Australian-centric

Migratory species

Invasives and pests

Threatened species

Crop wild relatives

Venomous and poisonous species

Species vulnerable to fire

CITES-listed species

Sourcing lists

- Many lists and data sources are available online, but they vary widely in scope, in how well evidenced they are, and in currency

- We prioritised lists published by:
  - Federal and state/territory governments
  - Multilateral organisations (e.g. UN Environment Programme)
  - Established databases and infrastructures (e.g. US National Plant Germplasm System - GRIN-Global)
  - Australian institutions and scientists (e.g. Kamilaroi, Noongar Boodjar and South East Arnhem Land encyclopaedias of plants and animals published via ALA)

Collating lists - standardising to one schema

- Record data fields
  - verbatimName, vernacularName
- Source metadata fields
  - datasetName, datasetID, datasetCitation, dataCurrency
- ARGA record metadata fields
  - dateCreated, dateModified

Collating lists - standardising to one schema

- Icons
  - E.g EPBC Act Category: Endangered, EPBC Act Category: Vulnerable
- External IDs
  - E.g. GRIN-Global nomen number, CAAB (Codes for Australian Aquatic Biota) code
- Filters
  - E.g. jurisdiction, trait type

PK: SpeciesID	Record data										Icons	ExternalLinks	Filters		ARGA Record Metadata									
canonicalName	rank	verbatimName	vernacularName	datasetName	datasetID	datasetSource	datasetCitation	dataCurrency	license	rightsHolder	Invasives and pests		Vernacular group	Jurisdiction	Author	rightsHolder	accessRights	type	language	license	bibliographicCitat	created	modified	datasetName
Amrasca biguttula biguttula	subspecies	Indian cotton leafhopper	Indian cotton leafhopper	Queensland Prohibited Matter (Bi	ARGA:TL:0000082	https://www.legislation	Based on content	09/05/2023	CC BY 4.0	The State of Quee	TRUE		Plant pests and diseases	Queensland	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 12:05:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amritodus atkinsoni	species	Amritodus atkinsoni (Lethierry, 1889)	Mango hopper	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amritodus brevistylus	species	Amritodus brevistylus Viraktamath, 1976	Mango leafhopper	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amsacta albistriga	species	Amsacta albistriga Walker, 1864	Hairy caterpillar	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amsacta lactinea	species	Amsacta lactinea Cramer, 1777	Red tiger moth	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amsacta moorei	species	Amsacta moorei Butler, 1876	tiger moth	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amsinckia	genus	Amsinckia	yellow burrweed,amsinckia	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amsinckia spp.	genus	Amsinckia spp.	Amsinckia	Victoria Declared Noxious Weeds	ARGA:TL:0000088	https://agriculture.vic.g	Department of En	11/05/2023		Department of En	TRUE		Weeds and pest plants	Victoria	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 16:02:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amsinckia spp.	genus	Amsinckia spp.	Yellow burr weed, Amsinckia	Tasmania Declared Pests and Dise	ARGA:TL:0000104	https://nre.tas.gov.au/t	Department of Na	28/09/2023		State of Tasmania	TRUE		Weeds and pest plants	Tasmania	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 14:16:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amyelois transitella	species	navel orangeworm		Queensland Prohibited Matter (Bi	ARGA:TL:0000082	https://www.legislation	Based on content	09/05/2023	CC BY 4.0	The State of Quee	TRUE		Plant pests and diseases	Queensland	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 12:05:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amyelois transitella	species	Amyelois transitella	Navel orangeworm	New South Wales Prohibited Matt	ARGA:TL:0000084	https://legislation.nsw.g	Based on content	10/05/2023	CC BY 4.0	The State of New	TRUE		Plant pests and diseases	New South Wales	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 13:31:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amyelois transitella	species	Amyelois transitella	navel orangeworm	Victoria Exotic Pests and Diseases	ARGA:TL:0000086	https://agriculture.vic.g	Department of En	12/05/2023		Department of En	TRUE		Plant pests and diseases	Victoria	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 15:27:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Amyelois transitella	species	Amyelois transitella Walker, 1863	Navel orangeworm,NOW	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas cobojius	species	Anabas cobojius	Gangetic climbing perch	New South Wales Prohibited Matt	ARGA:TL:0000084	https://legislation.nsw.g	Based on content	10/05/2023	CC BY 4.0	The State of New	TRUE		Aquatic pests	New South Wales	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 13:31:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas cobojius	species	Anabas cobojius	Gangetic Climbing Perch	Australian Capital Territory Pest Pl	ARGA:TL:0000083	https://www.legislation	Based on content	10/05/2023		ACT Government	TRUE		Pest animals	Australian Capital Territory	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 14:19:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas cobojius	species	Anabas cobojius	Gangetic Koi	South Australia Noxious Fish List	ARGA:TL:0000091	https://pir.sa.gov.au/bi	Department of Pri	12/05/2023		Government of Sc	TRUE		Aquatic pests	South Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 8:15:2	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas cobojius	species	Anabas cobojius	Gangetic climbing perch	Tasmania Declared Pests and Dise	ARGA:TL:0000104	https://nre.tas.gov.au/t	Department of Na	28/09/2023		State of Tasmania	TRUE		Aquatic pests	Tasmania	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 14:16:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas testudineus	species	Anabas testudineus	Climbing perch	National Priority List of Exotic Envi	ARGA:TL:0000078	https://www.agricultur	ABARES 2021, The	30/03/2023	CC BY 4.0	Commonwealth o	TRUE		Pest animals	National	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 8:53:0	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas testudineus	species	Anabas testudineus	Climbing perch	New South Wales Prohibited Matt	ARGA:TL:0000084	https://legislation.nsw.g	Based on content	10/05/2023	CC BY 4.0	The State of New	TRUE		Aquatic pests	New South Wales	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 13:31:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas testudineus	species	Anabas testudineus	Climbing Perch	Australian Capital Territory Pest Pl	ARGA:TL:0000083	https://www.legislation	Based on content	10/05/2023		ACT Government	TRUE		Pest animals	Australian Capital Territory	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 14:19:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas testudineus	species	Anabas testudineus	Climbing perch	List of Declared Noxious Aquatic S	ARGA:TL:0000090	https://vfa.vic.gov.au/o	Victorian Fisheries	11/05/2023		The State of Victo	TRUE		Aquatic pests	Victoria	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 7:42:1	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas testudineus	species	Anabas testudineus	Climbing Perch	South Australia Noxious Fish List	ARGA:TL:0000091	https://pir.sa.gov.au/bi	Department of Pri	12/05/2023		Government of Sc	TRUE		Aquatic pests	South Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 8:15:2	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas testudineus	species	Anabas testudineus	Climbing perch	Northern Territory Noxious Fish	ARGA:TL:0000102	https://nt.gov.au/marin	Northern Territory	15/05/2023		Northern Territory	TRUE		Aquatic pests	Northern Territory	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 12:09:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anabas testudineus	species	Anabas testudineus	Climbing perch	Tasmania Declared Pests and Dise	ARGA:TL:0000104	https://nre.tas.gov.au/t	Department of Na	28/09/2023		State of Tasmania	TRUE		Aquatic pests	Tasmania	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 14:16:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anacyclus clavatus	species	Anacyclus clavatus (Desf.) Pers.	valkoramikki	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anacyclus radiatus	species	Anacyclus radiatus Loisel.	yellow anacyclus	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anagallis monelli	species	Anagallis monelli L.	garden pimpernel,flaxleaf pimpernel	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaphalis margaritacea	species	Anaphalis margaritacea (L.) C. B. Clarke	Pearly everlasting	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaplasma marginale	species	Infection with Anaplasma marginale in tick free	bovine anaplasmosis	National List of Notifiable Animal I	ARGA:TL:0000080	https://www.agricultur	Department of Ag	30/03/2023	CC BY 4.0	Department of Ag	TRUE		Animal diseases	National	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 10:42:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaplasma marginale	species	Anaplasma marginale	Anaplasmosis	Victoria Notifiable Diseases	ARGA:TL:0000089	https://agriculture.vic.g	Department of En	11/05/2023		Department of En	TRUE		Animal diseases	Victoria	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 16:34:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaplasma marginale	species	Anaplasma marginale	bovine anaplasmosis	South Australia Notifiable Disease	ARGA:TL:0000093	https://governmentgaz	Government of Sc	12/05/2023		Government of Sc	TRUE		Animal diseases	South Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 9:09:0	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaplasma marginale	species	Anaplasma marginale	Bovine anaplasmosis	Western Australia Reportable Ani	ARGA:TL:0000096	https://www.agric.wa.g	Department of Pri	12/05/2023		Government of W	TRUE		Animal diseases	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 9:55:0	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaplasma marginale	species	Anaplasma marginale	Anaplasma marginale (bovine anaplasmosis	Northern Territory Notifiable Dise	ARGA:TL:0000094	https://nt.gov.au/indus	Northern Territory	15/05/2023		Northern Territory	TRUE		Animal diseases	Northern Territory	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 11:42:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaplasma marginale	species	Anaplasma marginale (in tick-free areas)	bovine anaplasmosis in tick free areas	Tasmania Declared Pests and Dise	ARGA:TL:0000104	https://nre.tas.gov.au/t	Department of Na	28/09/2023		State of Tasmania	TRUE		Animal diseases	Tasmania	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 14:16:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anoplophora chinensis	species	Anoplophora chinensis	Citrus longicorn beetle	South Australia Declared Pests (Pl	ARGA:TL:0000092	https://www.governme	Government of Sc	12/05/2023		Government of Sc	TRUE		Plant pests and diseases	South Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 8:47:4	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anoplophora glabripennis	species	Anoplophora glabripennis	Asian longicorn beetle	South Australia Declared Pests (Pl	ARGA:TL:0000092	https://www.governme	Government of Sc	12/05/2023		Government of Sc	TRUE		Plant pests and diseases	South Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 8:47:4	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anapulvinaria pistaciae	species	Anapulvinaria pistaciae (Bodenheimer, 1926)	Pistachio cushion scale	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anarsia ephippias	species	Anarsia ephippias Meyrick, 1908	Gelechiid moth	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anarsia epotias	species	Anarsia epotias Meyrick, 1916	Leaf eating caterpillar	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anarsia lineatella	species	Anarsia lineatella	Peach twig borer	New South Wales Prohibited Matt	ARGA:TL:0000084	https://legislation.nsw.g	Based on content	10/05/2023	CC BY 4.0	The State of New	TRUE		Plant pests and diseases	New South Wales	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 13:31:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anarsia lineatella	species	Anarsia lineatella Zeller, 1893	Peach twig borer	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anarta trifolii	species	Anarta trifolii (Hufnagel, 1766)	Clover cutworm	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anasa tristis	species	Anasa tristis (De Geer, 1773)	squash bug	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaspidoglanis macrostoma	species	Anaspidoglanis macrostoma	Flatnose catfish	New South Wales Prohibited Matt	ARGA:TL:0000084	https://legislation.nsw.g	Based on content	10/05/2023	CC BY 4.0	The State of New	TRUE		Aquatic pests	New South Wales	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 13:31:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaspidoglanis macrostoma	species	Anaspidoglanis macrostoma	Flatnose Catfish	Australian Capital Territory Pest Pl	ARGA:TL:0000085	https://www.legislation	Based on content	10/05/2023		ACT Government	TRUE		Pest animals	Australian Capital Territory	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 14:19:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaspidoglanis macrostoma	species	Anaspidoglanis macrostoma	Flatnose catfish	List of Declared Noxious Aquatic S	ARGA:TL:0000090	https://vfa.vic.gov.au/o	Victorian Fisheries	11/05/2023		The State of Victo	TRUE		Aquatic pests	Victoria	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 7:42:1	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaspidoglanis macrostoma	species	Anaspidoglanis macrostoma	Flatnose Catfish	South Australia Noxious Fish List	ARGA:TL:0000091	https://pir.sa.gov.au/bi	Department of Pri	12/05/2023		Government of Sc	TRUE		Aquatic pests	South Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 8:15:2	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaspidoglanis macrostoma	species	Anaspidoglanis macrostoma	Flatnose catfish	Northern Territory Noxious Fish	ARGA:TL:0000102	https://nt.gov.au/marin	Northern Territory	15/05/2023		Northern Territory	TRUE		Aquatic pests	Northern Territory	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 12:09:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaspidoglanis macrostoma	species	Anaspidoglanis macrostoma	Flatnose catfish	Tasmania Declared Pests and Dise	ARGA:TL:0000104	https://nre.tas.gov.au/t	Department of Na	28/09/2023		State of Tasmania	TRUE		Aquatic pests	Tasmania	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 14:16:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anaspidoglanis macrostomus	species	flatnose catfish, dwarf giraffe catfish	flatnose catfish, dwarf giraffe catfish	Queensland Prohibited Matter (Bi	ARGA:TL:0000082	https://www.legislation	Based on content	09/05/2023	CC BY 4.0	The State of Quee	TRUE		Aquatic pests	Queensland	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 12:05:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anastrepha fraterculus	species	Anastrepha fraterculus	South American fruit fly	Victoria Exotic Pests and Diseases	ARGA:TL:0000086	https://agriculture.vic.g	Department of En	12/05/2023		Department of En	TRUE		Plant pests and diseases	Victoria	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 15:27:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anastrepha fraterculus	species	Anastrepha fraterculus (Wiedemann, 1830)	South American fruit fly	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anastrepha ludens	species	Anastrepha ludens	Mexican fruit fly	National Priority Plant Pest List	ARGA:TL:0000079	https://www.agricultur	Department of Ag	30/03/2023	CC BY 4.0	Department of Ag	TRUE		Plant pests and diseases	National	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 9:20:4	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anastrepha ludens	species	Anastrepha ludens	Mexican fruit fly	Victoria Exotic Pests and Diseases	ARGA:TL:0000086	https://agriculture.vic.g	Department of En	12/05/2023		Department of En	TRUE		Plant pests and diseases	Victoria	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 15:27:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anastrepha ludens	species	Anastrepha ludens (Loew, 1873)	Mexican fruit fly	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anastrepha obliqua	species	Anastrepha obliqua (Macquart, 1835)	West Indian fruit fly	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anastrepha pseudoparallela	species	Anastrepha pseudoparallela (Loew, 1873)		Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anastrepha serpentina	species	Anastrepha serpentina (Wiedemann, 1830)	Serpentine fruit fly	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anastrepha striata	species	Anastrepha striata Schiner, 1867	Guava fruit fly	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anastrepha suspensa	species	Anastrepha suspensa (Loew, 1862)	greater Antillean fruit fly,Caribfly,Caribbean	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anatid herpesvirus 1	virus	Anatid herpesvirus 1	duck virus enteritis,duck plague herpesvirus	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anatid herpesvirus-1	virus	Anatid herpesvirus-1	Duck viral enteritis / duck plague	National Priority List of Exotic Envi	ARGA:TL:0000078	https://www.agricultur	ABARES 2021, The	30/03/2023	CC BY 4.0	Commonwealth o	TRUE		Animal diseases	National	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 8:53:0	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anatid herpesvirus-1	virus	duck virus enteritis	duck virus enteritis	Queensland Prohibited Matter (Bi	ARGA:TL:0000082	https://www.legislation	Based on content	09/05/2023	CC BY 4.0	The State of Quee	TRUE		Animal diseases	Queensland	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 12:05:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anatrachyntis simplex	species	Anatrachyntis simplex (Walsingham, 1891)	Flower eating caterpillar	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Ancylis comptana fragariae	subspecies	Ancylis comptana fragariae (Walsh & Riley)	Strawberry leafroller	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Ancylis selenana	species	Ancylis selenana Guenée, 1845		Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Andaspis hawaiiensis	species	Andaspis hawaiiensis (Maskell, 1895)	Armoured scale	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Andrias japonicus	species	Andrias japonicus	Japanese Giant Salamander	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Andropadus spp.	genus	Andropadus spp.	Greenbuls	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Andropogon gayanus	species	Andropogon gayanus	Gamba grass	New South Wales Prohibited Matt	ARGA:TL:0000084	https://legislation.nsw.g	Based on content	10/05/2023	CC BY 4.0	The State of New	TRUE		Weeds and pest plants	New South Wales	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 13:31:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Andropogon gayanus	species	Andropogon gayanus	Gamba Grass	Australian Capital Territory Pest Pl	ARGA:TL:0000085	https://www.legislation	Based on content	10/05/2023		ACT Government	TRUE		Weeds and pest plants	Australian Capital Territory	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 14:19:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Andropogon gayanus	species	Andropogon gayanus	Gamba grass	Victoria Declared Noxious Weeds	ARGA:TL:0000088	https://agriculture.vic.g	Department of En	11/05/2023		Department of En	TRUE		Weeds and pest plants	Victoria	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 16:02:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Andropogon gayanus	species	Andropogon gayanus Kunth	gamba grass,bluestem,Rhodesian blue grass	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Andropogon gayanus	species	Andropogon gayanus	Gamba grass*	Northern Territory Declared Weed	ARGA:TL:0000103	https://nt.gov.au/envir	Northern Territory	15/05/2023		Northern Territory	TRUE		Weeds and pest plants	Northern Territory	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 12:21:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Andropogon gayanus	species	Andropogon gayanus	Gamba grass*	Northern Territory Declared Weed	ARGA:TL:0000103	https://nt.gov.au/envir	Northern Territory	15/05/2023		Northern Territory	TRUE		Weeds and pest plants	Northern Territory	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 12:21:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Andropogon gayanus	species	Andropogon gayanus	Gamba grass	Tasmania Declared Pests and Dise	ARGA:TL:0000104	https://nre.tas.gov.au/t	Department of Na	28/09/2023		State of Tasmania	TRUE		Weeds and pest plants	Tasmania	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 14:16:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anentome spp.	genus	Anentome spp.		National Priority List of Exotic Envi	ARGA:TL:0000078	https://www.agricultur	ABARES 2021, The	30/03/2023	CC BY 4.0	Commonwealth o	TRUE		Aquatic pests	National	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 8:53:0	9/29/2023 10:03:	ARGA Pests and Invasive Species
Angelica pachycarpa	species	Angelica pachycarpa Lange		Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Angelonia salicariifolia	species	Angelonia salicariifolia Humb. & Bonpl.	willowleaf angelon,Grannies bonnet's	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anguina agrostis	species	Anguina agrostis (Steinbuch, 1799) Filipjev 1936	seed gall nematode,nematode (bentgrass)	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anguina agrostis	species	Anguina agrostis syn. Anguina lolii	ryegrass nematode	Tasmania Prohibited Matter (Biosec	ARGA:TL:0000105	https://nre.tas.gov.au/t	Department of Na	28/09/2023		State of Tasmania	TRUE		Pest animals	Tasmania	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 14:34:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anguina funesta	species	Anguina funesta	bent grass nematode	Tasmania Prohibited Matter (Biosec	ARGA:TL:0000105	https://nre.tas.gov.au/t	Department of Na	28/09/2023		State of Tasmania	TRUE		Pest animals	Tasmania	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 14:34:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anguina wevelli	species	Anguina wevelli (Van den Berg, 1985) Siddiqi 20	a seed gall nematode	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anisodera ferruginea	species	Anisodera ferruginea (Fabricius, 1801)	Yellow eucalyptus beetle	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anisogramma anomala	species	hazelnut blight	hazelnut blight	Queensland Prohibited Matter (Bi	ARGA:TL:0000082	https://www.legislation	Based on content	09/05/2023	CC BY 4.0	The State of Quee	TRUE		Plant pests and diseases	Queensland	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 12:05:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anisogramma anomala	species	Anisogramma anomala	Hazelnut blight	New South Wales Prohibited Matt	ARGA:TL:0000084	https://legislation.nsw.g	Based on content	10/05/2023	CC BY 4.0	The State of New	TRUE		Plant pests and diseases	New South Wales	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 13:31:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anisogramma anomala	species	Anisogramma anomala	Filbert blight	Victoria Exotic Pests and Diseases	ARGA:TL:0000086	https://agriculture.vic.g	Department of En	12/05/2023		Department of En	TRUE		Plant pests and diseases	Victoria	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 15:27:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Anisoplia austriaca	species	Anisoplia austriaca Hbst	Wheat chafer	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Annona glabra	species	Annona glabra	Pond apple	New South Wales Prohibited Matt	ARGA:TL:0000084	https://legislation.nsw.g	Based on content	10/05/2023	CC BY 4.0	The State of New	TRUE		Weeds and pest plants	New South Wales	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 13:31:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Annona glabra	species	Annona glabra	Pond Apple	Australian Capital Territory Pest Pl	ARGA:TL:0000085	https://www.legislation	Based on content	10/05/2023		ACT Government	TRUE		Weeds and pest plants	Australian Capital Territory	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 14:19:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Annona glabra	species	Annona glabra	Pond apple	Victoria Declared Noxious Weeds	ARGA:TL:0000088	https://agriculture.vic.g	Department of En	11/05/2023		Department of En	TRUE		Weeds and pest plants	Victoria	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/27/2023 16:02:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Annona glabra	species	Annona glabra L.	pond apple	Western Australia Prohibited Decl	ARGA:TL:0000098	https://www.agric.wa.g	Department of Pri	28/09/2023		Government of W	TRUE		Declared pests - prohibited (WA)	Western Australia	ARGA Team	Australian Referer	https://www.arga	text	en	https://creativeco	"(U4) (P4). Austra	9/28/2023 16:23:	9/29/2023 10:03:	ARGA Pests and Invasive Species
Annona glabra	species	Annona glabra	Pond apple	Tasmania Declared Pests and Dise	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	TRUE		Weeds and pest plants	Tasmania	ARGA Team	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

After ingestion

- Follow a refresh schedule to check whether composite lists have been updated and update ARGA lists accordingly
- Gather user feedback on utility and interactive-ness
- Functions of species lists:
  - Provide information from species profile pages
  - Enable searching, filtering and browsing according to traits
  - Summarise genomic data availability for groups of species

Species **_Platyplectrum ornatum_**

IEK: SEAL

Reference Genome

Data Distribution | Taxonomy | Whole Genomes | Markers | Other Genetic Data | Specimen

Indexed data distribution

Hide

Indexed data

Whole genomes 0/1
Loci 0/0
Other data 0/0
Specimens 1/94

Distribution

Arnhem Coast, Arnhem Plateau, Brigalow Belt North, Brigalow Belt South, Cape York Peninsula, Central Arnhem, Central Kimberley, Central Mackay Coast, Daly Basin, Dampierland, Darwin Coastal, Desert Uplands, Einasleigh Uplands, Gulf Coastal, Gulf Fall and Uplands, Gulf Plains, NSW North Coast, Nandewar, New England Tablelands, Northern Kimberley, Ord Victoria Plain, Pine Creek, South Eastern Queensland, Tiwi Cobourg, Victoria Bonaparte, Wet Tropics

ARGA
Australian Reference Genome Atlas

APP HOME | DATA SOURCES | PROJECT HOME

Species **_Platyplectrum ornatum_**

IEK: SEAL

Reference Genome

Indigenous Ecological Knowledge: South East Arnhem Land

Name: Senfrog

Food use	Medicinal use	Cultural connection
⊗	⊗	✓

Data Distribution | Taxonomy | Whole Genomes | Markers | Other Genetic Data | Specimen

Indexed data distribution

Hide

Indexed data

Whole genomes 0/1

Loci 0/0

Other data 0/0

Specimens 1/94

Distribution

Arnhem Coast, Arnhem Plateau, Brigalow Belt North, Brigalow Belt South, Cape York Peninsula, Central Arnhem, Central Kimberley, Central Mackay Coast, Daly Basin, Dampierland, Darwin Coastal, Desert Uplands, Einasleigh Uplands, Gulf Coastal, Gulf Fall and Uplands, Gulf Plains, NSW North Coast, Nandewar, New England Tablelands, Northern Kimberley, Ord Victoria Plain, Pine Creek, South Eastern Queensland, Tiwi Cobourg, Victoria Bonaparte, Wet Tropics

ARGA
Australian Reference Genome Atlas

Search for data

e.g. sequence accession, taxon identifier, genus name

Browse by data type

- Whole genomes — 8.23k records
- Markers — 230.68k records
- Specimen — 0 records

Browse by taxonomic group

- Animals — 9 records
- Plants — 0 records
- Fungi — 0 records
- Bacteria — 0 records
- Protista — 0 records

Browse by functional or ecological group

- Agriculture — 0 records
- Aquaculture — 0 records
- Terrestrial — 0 records
- Marine — 0 records
- Threatened — 0 records
- view all — All species — 84.58k records

ORDER

Anura

Taxonomy

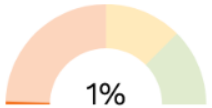
Scientific name	No data
Status	No data
Source	No data

Higher classification

Kingdom	Phylum	Class	Order	Family	Genus
Animalia	Chordata	Amphibia	Anura	Bufonidae	Rhinella

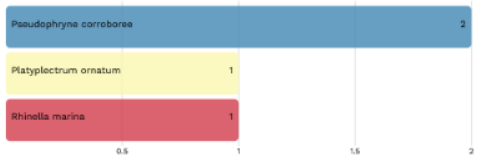
Data summary

Percentage of species with genomes

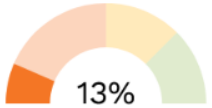


Families with genomes

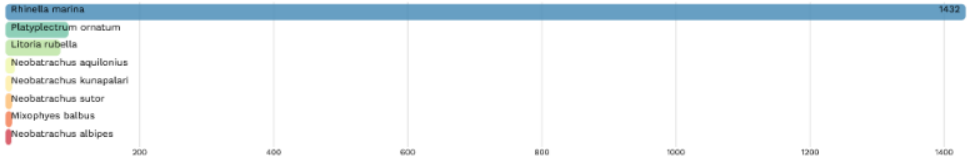
Species with genomes



Percentage of species with any genetic data



Species with any genetic data



Taxonomic breakdown

Number of families	6
Number of species/OTUs	245
Families with genomes	3
Species with genomes	3
Families with data	5
Species with data	32

Species with most genomes

Pseudophryne corroboree

Species with most data

Rhinella marina

ARGA is launching in November

ARGA is launching on Friday the 3rd of November - you can find the link to register for our launch webinar here:

https://www.biocommons.org.au/events/arga-launch

Email:

keeva.connolly@qcif.edu.au

ARGA Development Team

Goran Sterjov	Atlas of Living Australia	Software Engineer
Christopher Mangion	Australian BioCommons	Data Engineer
Vikas Nagaraju	Atlas of Living Australia	Software Engineer
Matt Andrews	Atlas of Living Australia	Systems Support
Mok	Australian BioCommons	UX/UI Designer
Keeva Connolly	Australian BioCommons	Scientific Business Analyst
Kathryn Hall	Atlas of Living Australia	Project Manager