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TREATMENTBANK STATISTICS

How to query TB and
analyze or reuse your
extracted data

Julia Giora
Jonas Castro
Donat Agosti

<https://plazi.org/>

➤ TreatmentBank

- Extended search
 - Taxonomic names
 - Bibliographic data
 - Materials citations

Fulltext Search

The TreatmentBank can be searched using a fulltext search.

Extended Search

The extended search allows more precise searches related to taxonomic names, bibliographic records or observation records.

Search TreatmentBank SEARCH

Use the fields below for queries against specific content.

Search taxonomic names

Name	Taxa Only	Exact Match	Synonyms
<input type="text" value="Handroanthus"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Order, etc.	Family, etc.	Genus, etc.	Species, etc.
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Search bibliographic data

Author	Year	Title	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
Journal / Publisher	Volume / Issue	Page	Identifier (DOI, etc.)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Search materials citations

Location Text	Country	State/Province		
<input type="text"/>	<input type="text"/>	<input type="text"/>		
Type Status	Collection Code	Specimen Code	LSID	
<input type="text" value="All Typ"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Longitude	Latitude	Long / Lat +/-	Elevation	Elevation +/-
<input type="text"/>	<input type="text"/>	<input type="text" value="1°"/>	<input type="text"/>	<input type="text" value="100 m"/>



➤ TreatmentBank

- List of treatments
- List of articles and pages
- Charts for specimens
 - treatments/status
 - articles/author
 - treatments/author
 - treatments/article

Handroanthus, Taxa Only, Exact Match: 11 Treatments

[link]

Handroanthus serratifolius		Molino, Jean-François, Sabatier, Daniel, Grenand, Pierre, Engel, Julien, Frame, Dawn, Delprete, Piero G., Fleury, Marie, Odonne, Guillaume, Davy, Damien, Lucas, Eve J. & Martin, Claire A., 2022, An annotated checklist of the tree species of French Guiana, including vernacular nomenclature, Adansonia (3) 44 (26), pp. 345-903 : 396	396
Handroanthus obscurus		Molino, Jean-François, Sabatier, Daniel, Grenand, Pierre, Engel, Julien, Frame, Dawn, Delprete, Piero G., Fleury, Marie, Odonne, Guillaume, Davy, Damien, Lucas, Eve J. & Martin, Claire A., 2022, An annotated checklist of the tree species of French Guiana, including vernacular nomenclature, Adansonia (3) 44 (26), pp. 345-903 : 395-396	395-396
Handroanthus chrysotrichus		Demite, P. R., Flechtmann, C. H. W. & Feres, R. J. F., 2016, Tetranychidae (Acari) in forest fragments in the State of S ^o Paulo, Brazil, Acarologia 56 (4), pp. 435-449 : 441	441
Handroanthus chrysotrichus		Hentz Júnior, Elmar J., Lohmann, Lúcia G., Caxambu, Marcelo G., Temponi, Livia G. & Pires Lima, Laura C., 2022, Floristic Inventory of the Iguaçu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae, Phytotaxa 570 (2), pp. 165-192 : 180	180
Handroanthus impetiginosus		Hentz Júnior, Elmar J., Lohmann, Lúcia G., Caxambu, Marcelo G., Temponi, Livia G. & Pires Lima, Laura C., 2022, Floristic Inventory of the Iguaçu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae, Phytotaxa 570 (2), pp. 165-192 : 180	180
Handroanthus albus		Hentz Júnior, Elmar J., Lohmann, Lúcia G., Caxambu, Marcelo G., Temponi, Livia G. & Pires Lima, Laura C., 2022, Floristic Inventory of the Iguaçu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae, Phytotaxa 570 (2), pp. 165-192 : 180	180
Handroanthus abayoy	sp. nov.	Villarroel, Daniel, Parada, G. Alexander, Martínez-Ugarteche, Maira T. & Klitgaard, Bente B., 2022, Handroanthus abayoy, a new species of Bignoniaceae endemic from Bolivia, Phytotaxa 547 (1), pp. 97-104 : 98-103	98-103



➤ TreatmentBank

tb.plazi.org/GgServer/summary/D51BB22BFF9BFF9CF12F8517FE69AE2F

- Publication page
- UUID
- Metadata
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Hentz Júnior, Elmar J., Lohmann, Lúcia G., Caxambu, Marcelo G., Temponi, Livia G. & Pires Lima, Laura C., 2022, Floristic Inventory of the Iguaçu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae

Hentz Júnior, Elmar J., Lohmann, Lúcia G., Caxambu, Marcelo G., Temponi, Livia G. & Pires Lima, Laura C., 2022, Floristic Inventory of the Iguaçu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae, Phytotaxa 570 (2), pp. 165-192

publication ID	
link to original document	http://dx.doi.org/10.11646/phytotaxa.570.2.4
document provided by	Plazi (2022-10-27 04:52:12, last updated by ExternalLinkService 2022-10-27 19:02:57)

Treatments (30)

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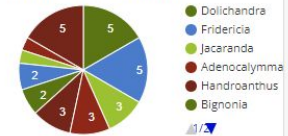
UUID

Specimens

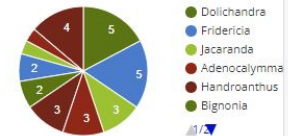
Article: Treatments by Rank (n=30)



Article: Treatments by Genus (n=30)



Article: Species by Genus (n=29)



Downloads

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➤ TreatmentBank

- Publication page
- List of treatments and pages

Treatments (30)

Bignoniaceae	key	169-170
Adenocalymma marginatum		170
Adenocalymma bracteatum		170
Adenocalymma paulistarum		171
Amphilophium crucigerum		171
Amphilophium paniculatum		171
Bignonia binata		172-173
Dolichandra hispida		175-176
Bignonia sciuripabulum		175
Dolichandra dentata		175
Dolichandra cynanchoides		175
Dolichandra quadrivalvis		177
Fridericia florida		177-179
Fridericia chica		177
Dolichandra unguis-cati		177
Fridericia triplinervia		179
Fridericia mutabilis		179
Fridericia samydoides		179



➤ TreatmentBank

- Treatment page
- Publication DOI
- Treatment DOI (from Zenodo)
- Taxonomy
- Download formats

Handroanthus chrysotrichus (Martius ex De Candolle 1845: 216) Mattos (1970: 1)

Hentz Júnior, Eimar J., Lohmann, Lúcia G., Caxambu, Marcelo G., Temponi, Lívia G. & Pires Lima, Laura C., 2022, Floristic Inventory of the Iguazu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae, Phytotaxa 570 (2), pp. 165-192 : 180

publication ID	https://doi.org/ 10.11646/phytotaxa.570.2.4
DOI	https://doi.org/10.5281/zenodo.7256655
persistent identifier	https://treatment.plazi.org/id/03EDCC69-EB5A-EC42-FF38-08F046EAFB84
treatment provided by	Plazi (2022-10-27 04:52:12, last updated 2022-10-27 19:02:57)
scientific name	Handroanthus chrysotrichus (Martius ex De Candolle 1845: 216) Mattos (1970: 1)
status	

Show all

Treatment

References

Figures

Abbreviations

Copyright notice

Taxonomy

Kingdom	Plantae
Phylum	Tracheophyta
Class	Magnoliopsida
Order	Lamiales
Family	Bignoniaceae
Genus	Handroanthus

Distribution Map

Specimens

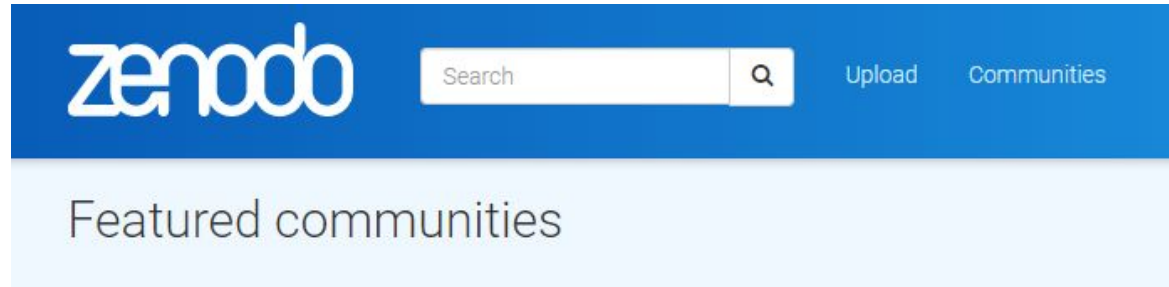
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Version History



➤ Zenodo

- Repository for open science services
- Hosted by CERN
- Several communities



Floristic Inventory of the Iguaçu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae

Hentz Júnior, Elmar J.;  Lohmann, Lúcia G.;  Caxambu, Marcelo G.; Temponi, Livia G.; Pires Lima, Laura C.

Hentz Júnior, Elmar J., Lohmann, Lúcia G., Caxambu, Marcelo G., Temponi, Livia G., Pires Lima, Laura C. (2022): Floristic Inventory of the Iguaçu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae. *Phytotaxa* 570 (2): 165-192, DOI: 10.11646/phytotaxa.570.2.4, URL: <http://dx.doi.org/10.11646/phytotaxa.570.2.4>

Publication date:

October 27, 2022

DOI:

DOI [10.11646/phytotaxa.570.2.4](https://doi.org/10.11646/phytotaxa.570.2.4)

Keyword(s):

[Biodiversity](#) [Taxonomy](#) [Plantae](#) [Tracheophyta](#)
[Magnoliopsida](#) [Lamiales](#) [Bignoniaceae](#)

Published in:

Phytotaxa: 570 pp. 165-192 (2).

Related identifiers:

Cites

[10.1127/0941-2948/2013/0507](https://doi.org/10.1127/0941-2948/2013/0507) (Publication)
[10.1590/2175-7860201566405](https://doi.org/10.1590/2175-7860201566405) (Publication)
[10.4067/S0716-078X2009000400012](https://doi.org/10.4067/S0716-078X2009000400012)
(Publication)
[10.3897/zookeys.150.2109](https://doi.org/10.3897/zookeys.150.2109) (Publication)
[10.11646/phytotaxa.216.1.1](https://doi.org/10.11646/phytotaxa.216.1.1) (Publication)
[10.1007/978-3-642-18617-2_2](https://doi.org/10.1007/978-3-642-18617-2_2) (Publication)
[10.1600/036364419X15710776741341](https://doi.org/10.1600/036364419X15710776741341)
(Publication)
[10.11646/phytotaxa.301.1.1](https://doi.org/10.11646/phytotaxa.301.1.1) (Publication)
[10.5962/bhl.title.123252](https://doi.org/10.5962/bhl.title.123252) (Publication)
[10.11646/phytotaxa.438.5.2](https://doi.org/10.11646/phytotaxa.438.5.2) (Publication)
[10.2307/2989698](https://doi.org/10.2307/2989698) (Publication)
[10.2307/1218342](https://doi.org/10.2307/1218342) (Publication)

Has part

[10.5281/zenodo.7259387](https://doi.org/10.5281/zenodo.7259387) (Taxonomic treatment)
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[10.5281/zenodo.7259389](https://doi.org/10.5281/zenodo.7259389) (Taxonomic treatment)
<http://treatment.plazi.org/id/03EDCC69EB50EC48FF380E5B43FFFA47> (Taxonomic treatment)
[10.5281/zenodo.7256603](https://doi.org/10.5281/zenodo.7256603) (Taxonomic treatment)
<http://treatment.plazi.org/id/03EDCC69EB50EC4BFF380C67447FFE88> (Taxonomic treatment)
[10.5281/zenodo.7256607](https://doi.org/10.5281/zenodo.7256607) (Taxonomic treatment)
<http://treatment.plazi.org/id/03EDCC69EB53EC4BFF380B64458BFD40> (Taxonomic treatment)
[10.5281/zenodo.7259391](https://doi.org/10.5281/zenodo.7259391) (Taxonomic treatment)
<http://treatment.plazi.org/id/03EDCC69EB53EC4BFF3809344684FA38> (Taxonomic treatment)

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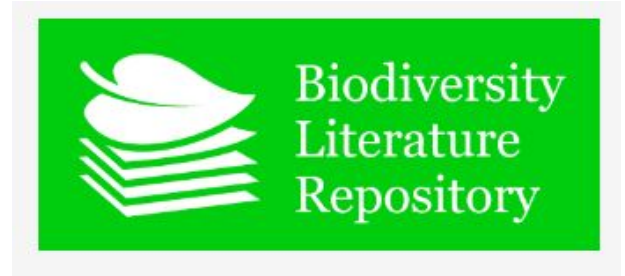
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[10.5281/zenodo.7256639](https://doi.org/10.5281/zenodo.7256639) (Figure)
[10.5281/zenodo.7256643](https://doi.org/10.5281/zenodo.7256643) (Figure)
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- Community for bio-systematics



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Taxon Treatments

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- Occurrences -> material citations, specimens, observations...
- Species -> taxon names w/ species rank
- Datasets -> taxonomic articles with treatments



➤ GBIF

- Material examined
- Records = taxon names (valid AND synonyms)

TREATMENT ARTICLE | REGISTERED OCTOBER 27, 2022

Floristic Inventory of the Iguaçu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae

Mediated by [Plazi.org taxonomic treatments database](#)

Hentz Júnior E J • Lohmann L G • Caxambu M G • Temponi L G • Pires Lima L C • plazi

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79 MATERIALS EXAMINED 30 RECORDS



- List of occurrences (check basis of record)
- Filters

Basis of record

- Observation
- Machine observation
- Human observation
- Material sample
- Material citation
- Preserved specimen
- Fossil specimen
- Living specimen
- Occurrence

SEARCH OCCURRENCES | 79 RESULTS

TABLE GALLERY MAP TAXONOMY METRICS  DOWNLOAD

	Scientific name	Country or area	Coordinates	Month & year	Occurrence status	Basis of record	Dataset
	<i>Dolichandra cynanchoides</i> Cham.	United States of America	25.4S, 53.7W	2020 February	Present	Material citation	Floristic Inventory of the Iguacu and Iguazú ...
	<i>Podranea ricasoliana</i> (Tanfani) Sprague	Brazil		2019 January	Present	Material citation	Floristic Inventory of the Iguacu and Iguazú ...
	<i>Amphilophium crucigerum</i> (L.) L.G.Lohmann	Brazil		2019 January	Present	Material citation	Floristic Inventory of the Iguacu and Iguazú ...
	<i>Fridericia samyoides</i> (Cham.) L.G.Lohmann	Brazil	25.1S, 53.6W	2019 January	Present	Material citation	Floristic Inventory of the Iguacu and Iguazú ...
	<i>Fridericia triplinervia</i> (Mart. ex DC.) L.G.Loh...	Brazil		2019 February	Present	Material citation	Floristic Inventory of the Iguacu and Iguazú ...
	<i>Dolichandra quadrivalvis</i> (Jacq.) L.G.Lohma...	Brazil	25.6S, 54.1W	2019 March	Present	Material citation	Floristic Inventory of the Iguacu and Iguazú ...
	<i>Adenocalymma bracteatum</i> (Cham.) DC.	Brazil		2019 August	Present	Material citation	Floristic Inventory of the Iguacu and Iguazú ...



➤ GBIF

- Material examined
- Records = taxon names (valid AND synonyms)

TREATMENT ARTICLE | REGISTERED OCTOBER 27, 2022

Floristic Inventory of the Iguaçu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae

Mediated by [Plazi.org taxonomic treatments database](https://plazi.org/taxonomic-treatments-database/)

Hentz Júnior E J • Lohmann L G • Caxambu M G • Temponi L G • Pires Lima L C • plazi

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79 MATERIALS EXAMINED

30 RECORDS



- List of treatments inside the dataset

Bignoniaceae Juss.	Family
Checklist: Floristic Inventory of the Iguacu and Iguazú Natio... Classification : Plantae > Tracheophyta > Magnoliopsida > Lamiales	
Accepted Family	
<i>Handroanthus impetiginosus</i> (Martius ex De Candolle, 1845) Mattos, 1970	Species
Checklist: Floristic Inventory of the Iguacu and Iguazú Natio... Classification : Plantae > Tracheophyta > Magnoliopsida > Lamiales > Bignoniaceae > Handroanthus	
Accepted Species	
<i>Handroanthus chrysotrichus</i> (Martius ex De Candolle, 1845) Mattos, 1970	Species
Checklist: Floristic Inventory of the Iguacu and Iguazú Natio... Classification : Plantae > Tracheophyta > Magnoliopsida > Lamiales > Bignoniaceae > Handroanthus	
Accepted Species	
<i>Handroanthus albus</i> (Chamisso, 1832) Mattos, 1970	Species
Checklist: Floristic Inventory of the Iguacu and Iguazú Natio... Classification : Plantae > Tracheophyta > Magnoliopsida > Lamiales > Bignoniaceae > Handroanthus	
Accepted Species	
<i>Fridericia triplinervia</i> (Martius ex De Candolle, 1845) Lohmann	Species
Checklist: Floristic Inventory of the Iguacu and Iguazú Natio...	



- Source -> leads to TB treatment

SPECIES | ACCEPTED

Handroanthus chrysotrichus (Martius ex De Candolle, 1845) Mattos, 1970

In: Hentz Júnior, Elmar J., Lohmann, Lúcia G., Caxambu, Marcelo G., Temponi, Livia G., Pires Lima, Laura C. (2022): Floristic Inventory of the Iguaçu and Iguazú National Parks (Brazil and Argentina): Bignoniaceae. Phytotaxa 570 (2): 165-192, DOI: 10.11646/phytotaxa.570.2.4, URL: <http://dx.doi.org/10.11646/phytotaxa.570.2.4>

Mediated through: [Plazi.org](https://plazi.org) taxonomic treatments database

TREATMENT VERBATIM

VIEW IN GBIF BACKBONE

SOURCE



6.2. *Handroanthus chrysotrichus* (Martius ex De Candolle 1845: 216) Mattos (1970: 1) (Figs. 8 b, 9 b–c).

Diagnosis:— *Handroanthus chrysotrichus* can be recognized by the hirsute calyces and fruits (vs. smooth calyces and fruits in other *Handroanthus* species).

Reproductive Period:— Flowers were collected in September and October, fruiting in October.

Distribution and Habitat:— Occurs in Argentina and Brazil (Gentry 1992, Lohmann 2010). Within the study area, it was registered in Céu Azul and Foz do Iguaçu, and young individuals were seen in Serranópolis do Iguaçu, in a reforestation area.

Selected Specimens Examined:— BRAZIL. Paraná, Parque Nacional do Iguaçu: Foz do Iguaçu, em frente ao Hotel, 15 September 2018, Hentz Junior 48 (UNOP!); Céu Azul, PIC, 25° 09'18.4"S, 53°50'51.6"W, 12 October 2016, Caxambu 7579 (HCF!).

FIGURES



➤ SynoSpecies

- Tool developed by FactsMission
- Easier to explore years of original descriptions and treatments, synonyms, treatment citations, etc



SynoSpecies

Tyrannosaurus rex

Go

24 result(s), took 15.48s

	1868	1869	1892	1902	1905	1906	1917	1922	1946	1970	1981	1985
Tyrannosaurus rex Osborn, 1905					+	•	•	2			•	
Nanotyrannus lancensis Bakker, 1988					+							
Dynamosaurus imperiosus Osborn, 1905					+	+		+				
Aublysodon molnari Paul, 1988												
Manospondylus gigas Cope, 1892			•									
Albertosaurus megagracilis Paul, 1988												
Gorgosaurus lancensis Gilmore, 1946									+	+		
Albertosaurus cf. A. lancensis Gilmore, 1946												
Nanotyrannus lancensis Gilmore, 1946												
Aublysodon mirandus Leidy, 1868	2	+	•					+				•
Aublysodon molnaris Paul, 1988												
Dinotyrannus megagracilis Paul, 1988												
Stygivenator molnari Paul, 1988												
Stygivenator molnari Olshevsky, 1995												
Manospondylus gigas Cope, 1917						+						
Manospondylus gigas Cope, 1922								+				
Albertosaurus lancensis Gilmore, 1946										+		
Albertosaurus lancensis Gilmore, 1946												
Deinodon horridus Leidy, 1856								•				
Aublysodon horridus Leidy, 1856		•										
Aublysodon cristatus Marsh, 1892			•					+				
Aublysodon amplus Marsh, 1892			•					+				

Animalia Tyrannosaurus rex



GBIF ID: 4822633



Tyrannosaurus rex Osborn 1905

Phylum Class Order Family
Chordata Reptilia Dinosauria Tyrannosauridae

Justification



Augmenting Treatments:

Osborn, H. F. (1905)

— Cited materials: [American Museum of Natural History: American Museum No. 973](#)

D. Bruce Young; Kenneth Carpenter (2002)

— Cited materials: [CM: CM 9380, DMNH: DMNH 2827, DMNH: DMNH 32825, DMNH: DMNH 32825, FMNH: FMNH PR2081, UCM: UCM 36303, UCM: UCM 38804, YPM: YPM 4192](#)

Lawrence M. Witmer; Ryan C. Ridgely (2010)

— Cited materials: [BMR: BMR P2002.4.1, CMNH: CMNH 7541](#)

Gregory M. Erickson; Philip J. Currie; John R. Horner; Nicholas R. Longrich (2010)

— Cited materials: [FMNH: FMNH PR 2081, MOR: MOR 1126, MOR: MOR 1602, MOR: MOR 920, UCM: UCM 137538](#)

Wenxia Zheng; Elizabeth M. Boatman; Hoi-Ying N. Holman; Mark B. Goodwin; Mary H. Schweitzer; Ronald Gronsky; Sirine Fakra (2019)

— Cited materials: [USNM: USNM 555000](#)

Gregory M. Erickson; Paul M. Gignac (2017)

— Cited materials: [BHI: BHI 3033, BHI: BHI 4100, FMNH: FMNH PR2081, LACM: LACM 23844, MOR: MOR 008, MOR: MOR 980, RTMP: RTMP 81.6.1](#)

Eric Snively; Donald M. Henderson (2004)

— Cited materials: [FMNH: FMNH PR2081](#)

Joseph E. Peterson; Karsen N. Daus (2019)

— Cited materials: [BHI: BHI 3033, BHI: BHI 3033 "Stan", BMR: BMR P2002.4.1, "Jane", BMR: BMR P2002.4.1](#)

Andrew C. Kitchener; Bart van Dongen; Michael Buckley; Phillip L. Manning; Stacey Warwood (2017)

— Cited materials: [MOR: MOR 1125](#)

David W. E. Hone; Scott A. Williams; Stephen L. Brusatte; Thomas D. Carr; Thomas E. Williamson; Thomas R. Holtz Jr. (2016)

— Cited materials: [AMNH: AMNH 5027, BMRP: BMRP 2002.4.1, CM: CM 9380, CMNH: CMNH 7541, FMNH: FMNH PR 2081, LACM: LACM 28471, MOR: MOR 008](#)



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- Frontend to the Biodiversity Literature Repository
- Queries, analyzes and aggregates results from these various repositories
- Provide images for several taxa



➤ Ocellus

ocellus ⁴

A PLAZI PROJECT

[about](#)

search 491566 images

search for something  GO



Click on the link to try the search

Note: These extended syntax queries are currently only possible against treatments.

▼ all fishes in articles published since 2021-12-21

[class=Actinopterygii&publicationDate=since\(2021-12-21\)](#)

- ▶ text contains 'shrimp' in articles published since 2020-12-21
- ▶ images from treatments checked in since yesterday
- ▶ text contains 'tyrannosaurus' and *authorityName* starts with 'Osborn'
- ▶ images from treatments from family 'Agamidae'
- ▶ text contains 'moloch' OR 'horridus'
- ▶ text contains 'decapoda' and the journal is not "Zootaxa"



➤ Ocellus

search images

family=Formicidae

GO



3507 images found where family is Formicidae



Zenodo ID: [Phaidra fulvipes](#) Salata & Eicher 2020



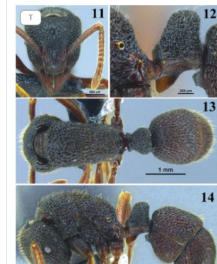
Zenodo ID: [6062628](#)
Romblonella linnini General et al.



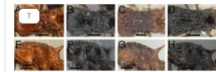
Zenodo ID: [3797958](#)
Himalanura draconis Jordan &



Zenodo ID: [Stronolobanthus afar](#) Emaru 1984



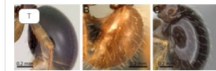
Zenodo ID: [3851755](#)
Tetramorium waltzerkari Emaru 1985



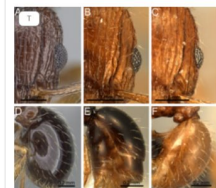
Zenodo ID: [3851755](#)
Tetramorium waltzerkari Emaru 1985



Zenodo ID: [3851755](#)
Tetramorium waltzerkari Emaru 1985



Zenodo ID: [3851761](#)
Tetramorium muala Mita Garcia &



Zenodo ID: [3851761](#)



Zenodo ID: [5462310](#)
Polyrhachis SMITH 1957



Zenodo ID: [5371041](#)
Phaidra manacanhala FABBICHI 1703



Zenodo ID: [5371041](#)
Taninoma FÖRSTER 1850



Zenodo ID: [3511631](#)
Sanicthe cornutus Fernal



➤ Article stats

- Select desired fields

Plazi Article Collection Statistics

Document & User Data

Article UUID Document Name Article DOI Article Handle Article HNS ID Article ZooBank ID Article GBIF Dataset ID

Book ISBN Journal ISSN Zenodo Deposition ID PubMed ID PubMed Central ID Document Language

User to first Upload Document Timestamp of first Upload Year of first Upload Month of first Upload User to last Update Document

Timestamp of last Update Year of last Update Month of last Update

Bibliographic Metadata

Document Author Document Title Date of Publication Year of Publication Decade of Publication Document Origin

Journal / Publisher Volume Verbatim Volume Issue Verbatim Issue Numero Verbatim Numero First Page Last Page

HNS Document ID URL of PDF Version

Bibliographic Metadata for Display

Bibliographic Reference Document Author Document Title

Author Data

Name Affiliation EMail LSID ORCID URL



➤ Article stats

Content Summary Data

- Number of Pages
- Number of Treatments
- Number of Treatments with New Names
- Number of Treatments with DOI
- Treatments per Page
- Pages per Treatment
- Tokens per Treatment (Average)
- Tokens per Treatment (Minimum)
- Tokens per Treatment (Maximum)
- Number of Treatment Citations
- Number of Treatment Citations with HTTP URI
- Number of Treatment Citations with DOI
- Number of Materials Citations
- Number of Materials Citations with HTTP URI
- Materials Citations per Treatment
- Number of Figures
- Number of Figures on Zenodo
- Number of Figure Citations
- Number of Tables
- Number of Tables with HTTP URI
- Number of Table Citations
- Number of Bibliographic References
- Bibliographic References with DOI
- Number of Bibliographic Citations
- Overall Collecting Countries

Bibliographic Data

- Verbatim Reference
- Authors
- Title
- Year of Publication
- Journal / Publisher
- Volume Number
- Verbatim Volume Number
- Pagination
- URL
- DOI
- Access Date
- Citations in Article

Treatment Data

- Treatment UUID
- Treatment Zenodo Deposition ID
- GBIF Taxon ID
- Verbatim Taxon Name
- Rank of Taxon
- Qualification as Taxon
- Taxonomic Kingdom
- Taxonomic Phylum
- Taxonomic Class
- Taxonomic Order
- Taxonomic Family
- Taxon Genus
- Taxon Species
- Taxon Authority
- Taxonomic Status

Materials Data

- Treatment UUID (Materials)
- Number of Materials Citations
- Total Specimen Count (overall)
- Total Specimen Count (males)
- Total Specimen Count (females)
- Total Specimen Count (workers)
- Total Specimen Count (soldiers)
- Total Specimen Count (queens)
- Collecting Countries

Caption Data (Figures)

- Caption Start ID
- Verbatim Caption
- Figure DOI
- Figure HTTP URI
- Zenodo Deposition ID
- Citations in Article



➤ Article stats

- Filter on values and choose the operation

Fields to Use in Statistics					
Output?	Order? (Desc?)	Field Name	Filter on Values	Operation	Filter on Operation Result
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Article UUID	<input type="text"/>	Show Individual Values ▾	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Article GBIF Dataset ID	<input type="text"/>	Show Individual Values Count Distinct Values Count All Values Minimum Value Maximum Value	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Zenodo Deposition ID	<input type="text"/>	Show Individual Values ▾	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Journal / Publisher	Phytotaxa	Show Individual Values ▾	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Year of Publication	2020-2021	Show Individual Values ▾	<input type="text"/>

Maximum Rows:



➤ Article stats

- Statistics output

Article UUID	Article GBIF Dataset ID
091FFFCBFFC0FF811A7FFFCAFFB7FFD8	cfc7ee81-1d59-48be-9568-08af71afda09
5F2FFFCFFF921009FF971805DA76AF06	
6F324218FF8DFF91FFF3B707FFB05973	
9425FF98FFFEFFDDFFF15F35FFD5F52E	
C926BC4EFFEBFFA64A78FFC4593AE002	e20afa6a-b9b0-40d6-922a-349da64e1a5b
D62EFF84FFE6FFDC9062FFF5FFFEFFDC	5813d31b-2ad4-455c-9999-b731186d048d
FE50FFDCFFACFFF0FFBAAF4BF3748F3E	

Zenodo Deposition ID	Year of Publication	Journal / Publisher
5585883	2020	Phytotaxa
4784553	2020	Phytotaxa
4784518	2020	Phytotaxa
4784526	2020	Phytotaxa
5585921	2020	Phytotaxa
5585894	2020	Phytotaxa
5585916	2020	Phytotaxa



➤ Article Stats

- “Get this statistics in HTML” -> web link
- “Get this statistics in CSV” -> open in MS Excel
- “Get this statistics in XML” -> extensible markup language, can be processed by a website, web application, or software program.

[Get this Statistics in HTML](#) [Get this Statistics in CSV](#) [Get this Statistics in TSV](#) [Get this Statistics for MS Excel](#) [Get this Statistics in JSON](#) [Get this Statistics in XML](#)



➤ Treatment stats

- May overlap some fields with the article stats
- More focused on treatments, taxon names, treatment citations, and materials citations

Taxonomic Data

Verbatim Taxon Name	Rank of Taxon	Qualification as Taxon	Taxonomic Kingdom	Taxonomic Phylum	Taxonomic Class
Taxonomic Order	Taxonomic Family	Taxon Genus	Taxon Species	Verbatim Taxon Authority	Taxon Authority Name
Taxon Authority Year	Basionym Authority Name	Basionym Authority Year	Combination Authority Name	Combination Authority Year	
Taxonomic Status	CoL Taxon Name ID	ENA/NCBI Taxon Name ID	Treatment Has Key	Treatment Is Key	



➤ Treatment stats

Fields to Use in Statistics					
Output?	Order? (Desc?)	Field Name	Filter on Values	Operation	Filter on Operation Result
<input checked="" type="checkbox"/>	<input type="checkbox"/> ()	Treatment UUID	<input type="text"/>	Show Individual Values ▾	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/> ()	Journal / Publisher	<input type="text"/>	Show Individual Values ▾	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/> ()	Volume	<input type="text"/>	Show Individual Values ▾	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/> ()	Issue	<input type="text"/>	Show Individual Values ▾	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/> ()	Year of Publication	<input type="text"/>	Show Individual Values ▾	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/> ()	Verbatim Taxon Name	Handro_nthus%	Show Individual Values ▾	<input type="text"/>

Maximum Rows:

- **Tips:**
 - “%” searches for anything or nothing in that spot
 - “_” accepts any letter in that spot



➤ Treatment stats

- List of distinct journals and distinct species published under *Handroanthus*
- Filter by “Count Distinct Values”

Fields to Use in Statistics					
Output?	Order? (Desc?)	Field Name	Filter on Values	Operation	Filter on Operation Result
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Taxon Species	<input type="text"/>	Count Distinct Values	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Taxon Genus	Handroanthus	Count Distinct Values	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Journal / Publisher	<input type="text"/>	Count Distinct Values	<input type="text"/>
		<input type="button" value="Get Statistics"/>	Maximum Rows: <input type="text"/>	<input type="text"/>	<input type="text"/>
Get this Statistics in HTML Get this Statistics in CSV Get this Statistics in JSON Get this Statistics in XML Get this Statistics for MS Excel					

Number of Treatments	Journal / Publisher	Taxon Genus	Taxon Species
10	2	1	9



➤ 'Gatekeeper'

- It is a search on errors in PDS (Processing Data Statistics) Stats showing critical errors that still exist after qc

It gives us information about where the errors are located. We need to locate them in the documents and fix them, only then the data can possibly reach the aimed repositories



➤ 'Gatekeeper'

Article UUID	Document Name	Date of first Upload	Data Detail Label
FFAAFFC69E43FFB4FFE9FFBFFFC07D32	Anthropozoologica.56.18.281-288.pdf.imf	2022-01-03	Anthropozoologica.56.18.281-288.pdf.imf
FFAAFFC69E43FFB4FFE9FFBFFFC07D32	Anthropozoologica.56.18.281-288.pdf.imf	2022-01-03	Anthropozoologica.56.18.281-288.pdf.imf
FFAAFFC69E43FFB4FFE9FFBFFFC07D32	Anthropozoologica.56.18.281-288.pdf.imf	2022-01-03	Anthropozoologica.56.18.281-288.pdf.imf
FFAAFFC69E43FFB4FFE9FFBFFFC07D32	Anthropozoologica.56.18.281-288.pdf.imf	2022-01-03	Anthropozoologica.56.18.281-288.pdf.imf
FFAAFFC69E43FFB4FFE9FFBFFFC07D32	Anthropozoologica.56.18.281-288.pdf.imf	2022-01-03	Anthropozoologica.56.18.281-288.pdf.imf
A9457B3E5E68FF95FFF7FFBD7947FFF7	phytotaxa.529.1.11.pdf	2022-01-03	Oxalis eriocarpa De Candolle 1825
A9457B3E5E68FF95FFF7FFBD7947FFF7	phytotaxa.529.1.11.pdf	2022-01-03	Oxalis refracta Saint-Hilaire 1825
A9457B3E5E68FF95FFF7FFBD7947FFF7	phytotaxa.529.1.11.pdf	2022-01-03	Oxalis sarmentosa Zuccarini 1832
FFF5F70DFFC567032F30BF6DFF88FFAA	zootaxa.5086.1.4.pdf	2022-01-03	Neoseiulus subreticulatus

Problem Source	Problem Type	Problem Description
ErrorProtocollInspector	document/missingMetadata	Incomplete bibliographic metadata
ErrorProtocollInspector	originalDoi/missingOriginalDoi	Missing original DOI
ErrorProtocollInspector	textStreams/paragraphEnd	Unresolved text flow or paragraph boundary issues
ErrorProtocollInspector	textStreams/paragraphStart	Unresolved text flow or paragraph boundary issues
ErrorProtocollInspector	treatments/brokenBoundaries	Unresolved treatment boundary issues
ErrorProtocollInspector	treatments/brokenReferenceGroup	Reference group cites suspicious taxon names
ErrorProtocollInspector	treatments/brokenReferenceGroup	Reference group cites suspicious taxon names
ErrorProtocollInspector	matCits/brokenDetails	Unresolved materials citation detail issues
TaxPub	validationError	Invalid treatment TaxPub level 1



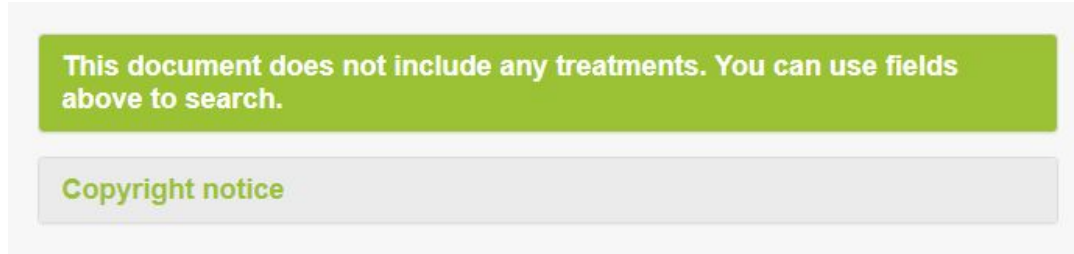
➤ **Article stats**

- **All articles uploaded to our server receive a TreatmentBank UUID**
- **After quality control and gatekeeper, all articles should have also a Zenodo ID**
- **If the article has treatments, it will also present a GBIF Dataset ID after the quality control and gatekeeper**
- **Quality control and gatekeeper: ways to prevent critical errors from being exported to the repositories**



➤ Article stats

- If the article does not have treatments
 - TB UUID:



- It still should have a Zenodo record (after QC):

August 25, 2020

Journal article Closed Access

Unravelling the complexity of Mexican biogeographical patterns by naturalists in the 19th century: From Alexander von Humboldt (1769-1859) to Francis Sumichrast (1829-1882)



zenodo



➤ TDL Stats

- TB's Treatment Detail Linking Statistics, useful for statistics regarding the Matching Service tool
- Summary of generated links between specimens in GBIF and their material citations
- Search for researcher's contribution
- Similar approach to that of the other TB stats



➤ TDL Stats

Number of Links	Treatment UUID	User ID to Add Link (ORCID, etc.)	Date Link was Added
2	0384CE7C2779FFA2FF025825AD8EFF74	0000-0003-3050-793X	2022-11-08
2	03E5FD39FFF1FFD6C6EEFE8DFDCFFBB3	0000-0003-3050-793X	2022-11-08
2	03C20928FFBFFF8D424615893DF20F3C	0000-0003-3050-793X	2022-11-21
2	03C20928FFBFFF8D424615893DF20F3C	0000-0003-3050-793X	2022-11-21
2	03C20928FFBFFF8D424615893DF20F3C	0000-0003-3050-793X	2022-11-21
2	290714D660D884B92DFCD16728ED54A6	0000-0003-3050-793X	2022-11-21
2	3E5199729F0E2717FDD384FDFE06FC9C	0000-0003-3050-793X	2022-11-21
2	03C8E66AFFDDFF92FF4EFB7AFC4334D2	0000-0003-3050-793X	2022-11-22

Materials Citation UUID	GBIF Specimen ID	Collecting Country
3B457537277EFA2FE3E59E7AD85FF74	238945476	Bolivia
3B244672FFF1FFD6C6EEFE54FE0AFC93	215565671	
3B03B263FFBDF8F452B12483D300FD3	1315159462	Namibia
3B03B263FFBDF8F44C213B93F430EBC	1315159464	Namibia
3B03B263FFBDF8F409216863F0B0BB9	1315159479	South Africa
B7683F9B3E0678166BA3DEDDF3301886	1315201834	Namibia
069022399F0E2709FF16814EFB6DFB29	1224548530	South Africa
3B095D21FFDDFF92FB5DFA94FBA6347E	466181599	Peru



**LET'S EXPLORE
PLAZI STATS!**





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