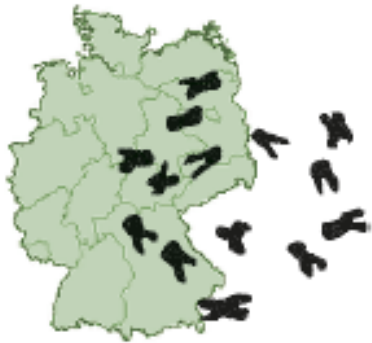


Chromosomenzahlen zur Flora von Deutschland



Chromosome Numbers of the Flora of Germany

T. Gregor, J. Paule, S. Dressler,
E.-M. Gerstner, M. Schmidt, G. Zizka

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PROJECT & PARTNERS

"Chromosome numbers of the Flora of Germany" is a collaborative effort of scientists and institutes of the "Senckenberg Gesellschaft für Naturforschung".

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Cornelia Wruck

Coordination with "Rothmaler - Exkursionsflora von Deutschland"

Karsten Wesche

Data contributors

Günther Dersch

We welcome further data contributions, please [contact](#) us.



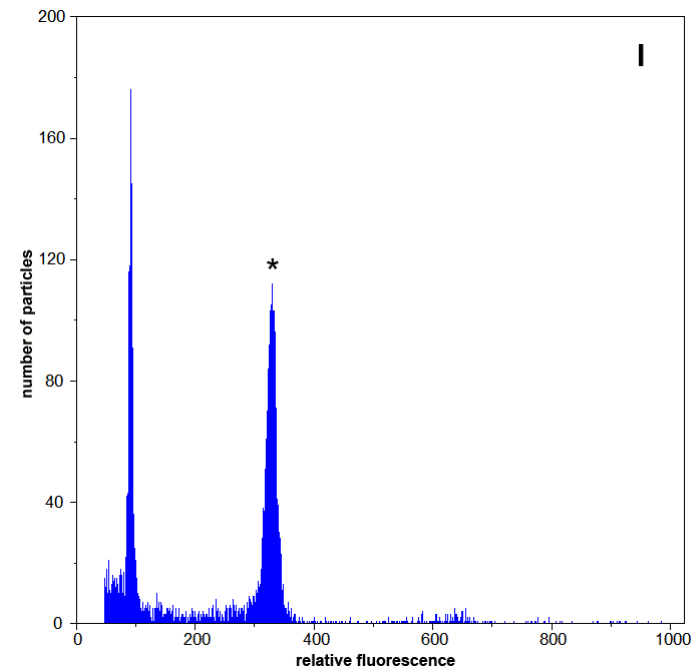
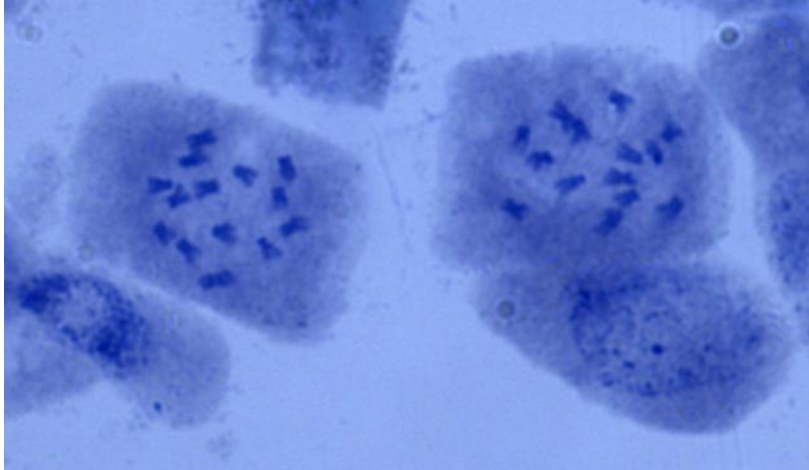


Karsten Wesche

Kooperation mit der „Rothmaler“
Bestimmungsflora

Ziel des Projektes

- Erfassung aller publizierten und unpublizierten **Chromosomenzählungen** und **durchfluss-zytometrischen Ploidiebestimmungen** Höherer Pflanzen aus Deutschland



- Erfassung von Belegen, Lokalitäten, Sammlern etc.

Wir stehen auf den Schultern anderer

- **Georg Tischler**
* 22.6.1878 in Losgehnien/Lusiny in Ostpreußen;
† 6. 1.1955 in Kiel)
- Die Chromosomenzahlen der Gefäßpflanzen
Mitteleuropas. Junk, 's-Gravenhage. 1950.

Wir stehen auf den Schultern anderer

- Focke **Albers** (1940)
- Wilfried **Bennert** (1945)

Albers, F.; Bennert, W. (1998): Standardliste der Farn- und Blütenpflanzen Deutschlands, p. 562-616.

In: Wißkirchen, R.; Haeupler, H. (ed.): Standardliste der Farn- und Blütenpflanzen Deutschlands. Eugen Ulmer: Stuttgart (Hohenheim).

Fam. Gentianaceae

CICENDIA

- filiformis

BLACKSTONIA

- perfoliata
- acuminata

n=22

Tischler, G. 1950

CENTAURIUM

- pulchellum
- subsp. pulchellum
- subsp. meyeri
- littorale
- subsp. littorale
- subsp. uliginosum
- erythraea

n=17,19,21

Tischler, G. 1950

n=21

Tischler, G. 1950

n=21

Tischler, G. 1950

SWERTIA

- perennis
- subsp. perennis
- subsp. alpestris

n=12

Tischler, G. 1950

LOMATOGONIUM

- carinthiacum

GENTIANA

- lutea
- cruciata
- purpurea
- pannonica
- punctata
- clusii
- acaulis
- asclepiadea
- pneumonanthe
- utriculosa
- nivalis
- bavarica
- verna
- orbicularis

n=20,21

Tischler, G. 1950

n=26

Tischler, G. 1950

n=20

Tischler, G. 1950

n=17-20

Tischler, G. 1950

n=18

Tischler, G. 1950

n=18

Tischler, G. 1950

n=22

Tischler, G. 1950

n=13

Tischler, G. 1950

n=7

Tischler, G. 1950

n=14

Tischler, G. 1950

n=14

Tischler, G. 1950

GENTIANELLA

- ciliata
- tenella
- campestris
- subsp. campestris
- subsp. baltica
- amarella agg.
- amarella
- uliginosa

n=22

Tischler, G. 1950

n=5

Tischler, G. 1950

n=18

Tischler, G. 1950

Fam. Solanaceae

NICANDRA

- physalodes

LYCIUM

- barbarum

n=12

Tischler, G. 1950

ATROPA

- bella-donna

n=25,36

2n=72

Tischler, G. 1950

Albers, F. &

Pröbsting, W.

HYOSCYAMUS

- niger

n=17

Tischler, G. 1950

PHYSALIS

- alkekengi

n=12

Tischler, G. 1950

SOLANUM

- dulcamara
- sarachoides agg.
- sarachoides
- physalifolium
- var. nitidibaccatum
- nigrum

n=12

Tischler, G. 1950

n=36

2n=36

Tischler, G. 1950

Wulff, H.D. 1950

- subsp. nigrum
- subsp. schultesii

2n=72

Lippert, W. &

Heubl G.R. 1989

Tischler, G. 1950

- villosum

n=24

- subsp. villosum
- subsp. alatum

- triflorum

LYCOPERSICON

- esculentum

DATURA

- stramonium

n=12,24

Tischler, G. 1950

Fam. Convolvulaceae (incl. Cuscutaceae) -

CALYSTEGIA

- soldanella
- sepium agg.
- sepium

n=11

Tischler, G. 1950

n=11,12

2n=22

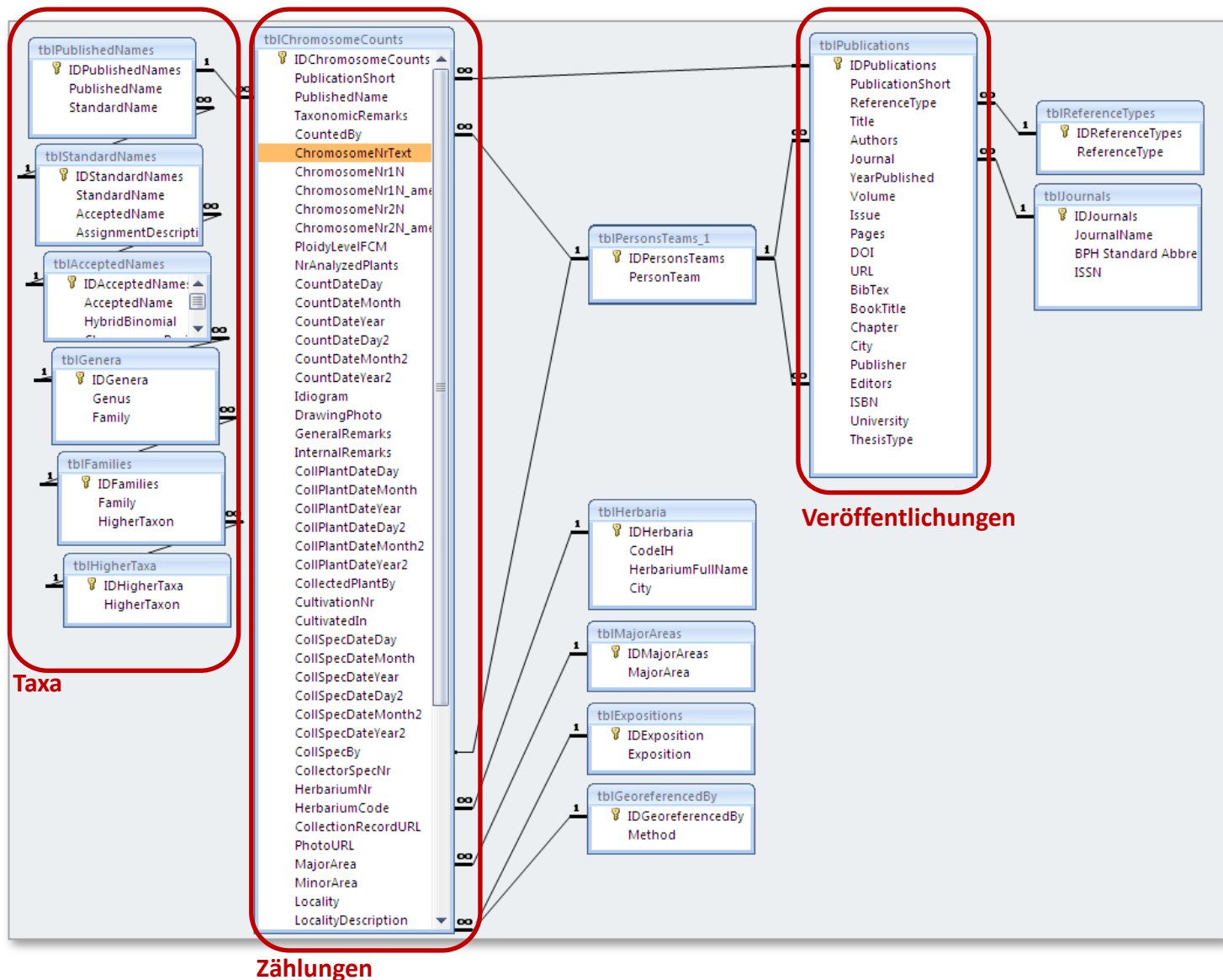
2n=22

Tischler, G. 1950

Lepper, L. 1970

Fritsch, R.M. 1973

Datenbankstruktur





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ABOUT THE PROJECT

The database "**Chromosome numbers of the Flora of Germany**" has been developed as an online repository and database system of chromosome counts and flow cytometric ploidy estimates of ferns and seed plants of Germany. The database provides standardized taxon identity, georeferenced locality and collection details of studied material, as well as publication details from which the karyological information was extracted. The content is continuously updated. Taxonomical and nomenclatural reference is "[Rothmaler - Exkursionsflora von Deutschland](#)" (Jäger 2011).

For comments, requests or contributions please use the [Contact](#) and/or [Data Submission](#) form.

Please cite the database as follows:

Paule J*, Gregor T*, Schmidt M*, Gerstner E-M, Dersch G, Dressler S, Wesche K, Zizka G 2016. Chromosome numbers of the flora of Germany – a new online database of georeferenced chromosome counts and flow cytometric ploidy estimates. Plant Systematics and Evolution, doi: 10.1007/s00606-016-1362-y.

* authors contributed equally

We acknowledge funding by the DFG (grant Zi557/13-1) and substantial contribution of unpublished data by Günther Dersch.

Last Update: 2016/10/28

Records: 10196

Species: 1612 ([Show](#))

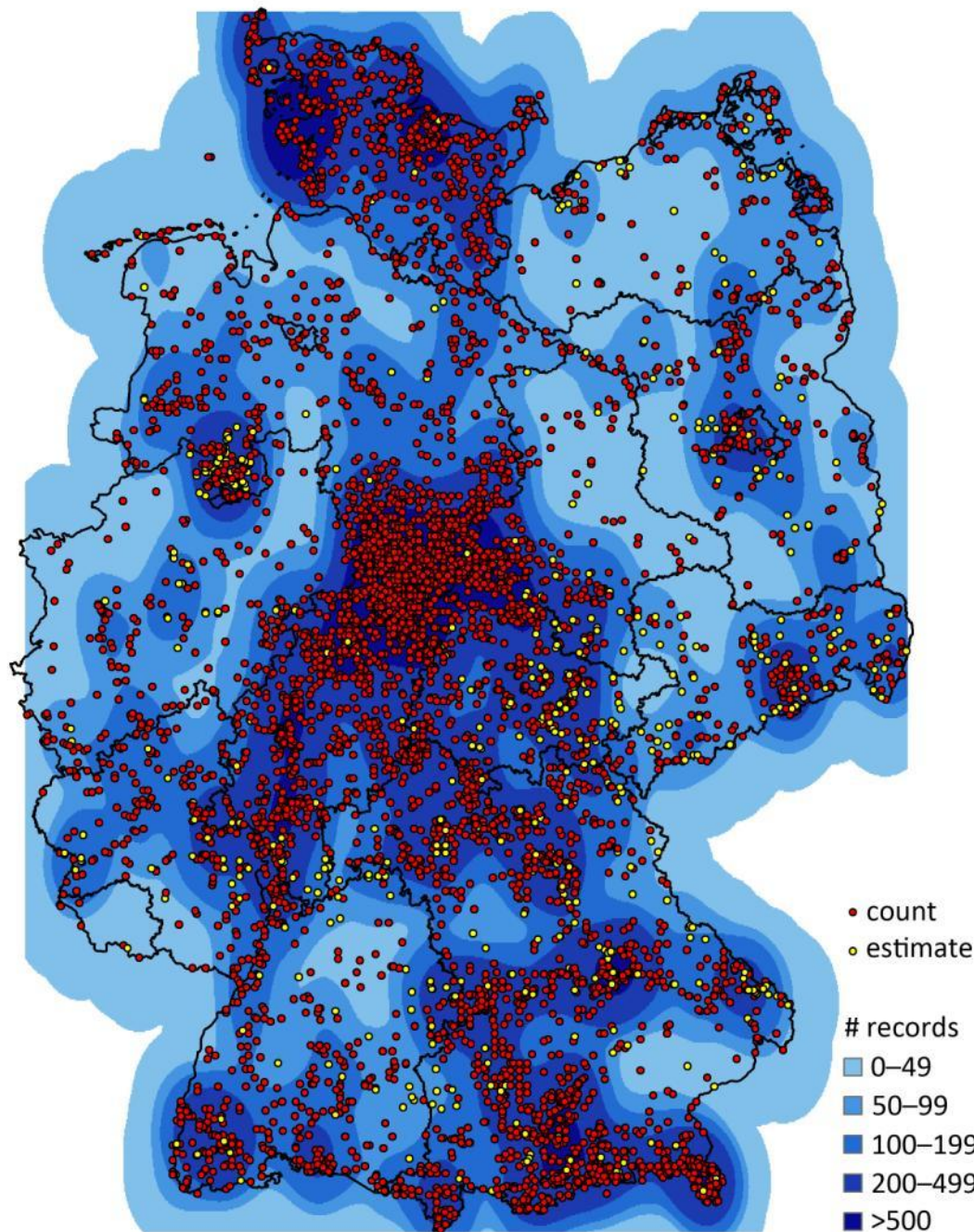
Literature: 613 ([Show](#))

Visits: 287

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Bayern	2241
Niedersachsen	1957
Schleswig-Holstein	1226
Hessen	1162
Baden-Württemberg	714
Thüringen	638
Sachsen	360
Brandenburg	328
Rheinland-Pfalz	305
Nordrhein-Westfalen	304
Mecklenburg-Vorpommern	243
Berlin	64
Hamburg	27
Bremen	17
Saarland	11
nur "Deutschland"	608



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DETAILED SEARCH

Higher taxon

Family

Genus

Species

Chromosome number
(published or inferred)

Federal state

Latitude Min

Latitude Max

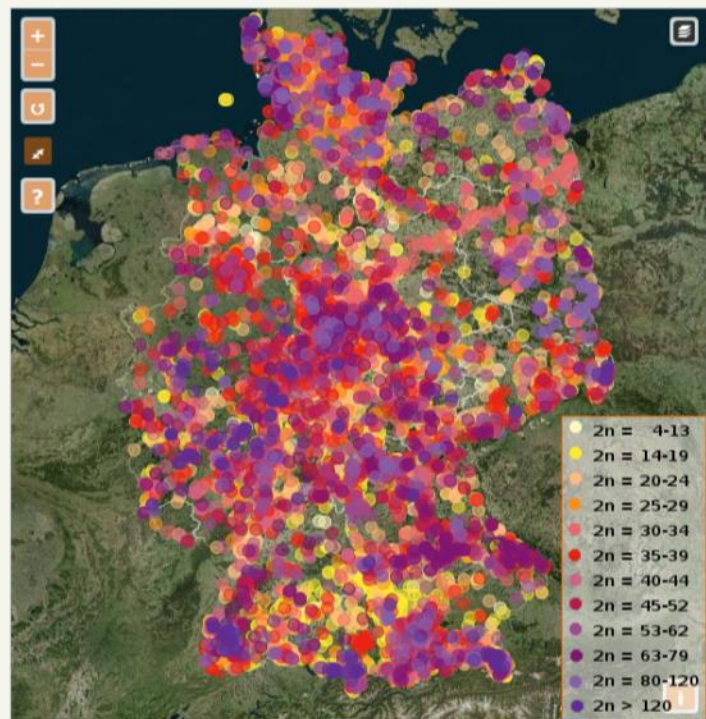
Longitude Min

Longitude Max

Verified data

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CONTACT

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Email: *

Your message: *

* = Obligatory





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DATA SUBMISSION

This database is meant as an open platform. Do you want to share your data? Please fill the form below.

Form of address:

Name: *

Street:

Postal code and city:

Organisation:

Email: *

Accepted name: *

Chromosome number: *

Plant collection date:

Herbarium

Longitude:

Latitude:

Locality description:

Remarks:

Data privacy: * ☐ With submitting this form you agree to our data submission regulations, see [more details](#).

* = Obligatory

To Do

- weitere Literaturrecherchen, v. a. Tischler 1950
- Suche nach Grauer Literatur in Bibliotheken
- Manuskript für „Polyploidy Special Issue“ von PSE
- Freischaltung des Herunterladens in 2017
- Artikel zu Polyploidie in der deutschen Flora

Danksagung

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- Christiane Ritz
- Veit Herklotz

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