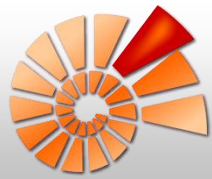


DiversityMobile

as part of the Diversity Workbench
platform – a data pipeline from
smartphone recording up to GBIF access

Tanja Weibulat, Georg Rollinger, Wolfgang Reichert, Markus Weiss, Dieter Neubacher, Bernhard Volz, Gerhard Rambold & Dagmar Triebel



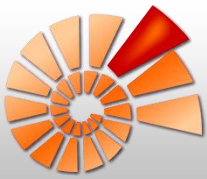
What is DiversityMobile?

DiversityMobile is

- a Smartphone application
- designed for scientists monitoring ecological and biodiversity data in the field
- an alternative to writing pad, pen, GPS receiver, camera, audio and video recorder
- part of the Diversity Workbench
- Open source and free

You need:

- Smartphone running Windows Phone versions 7.5 to 8
- Windows Phone Marketplace Login
- Diversity Workbench Login



Windows Phone Marketplace

Firefox

www.windowsphone.com/de-de/store/app/diversitymobile/54215bc5-8640-40df-917d-ae718b7542f3

DiversityMobile | Windows Phone Anwe... +

Windows Phone

In Anwendungen und Hilfe & Anleitung such...


Handys Features Anwendungen + Spiele Hilfe & Anleitung

Entdecken Mein Handy

Spotlight Anwendungen Spiele Bisher gekauft

Bildung

DiversityMobile



DIVERSITY MOBILE

DiversityMobile – recording biological research data in nature

DiversityMobile is an app for biologists, ecologists and citizen scientists being experienced in recording observation data in nature. Data may be directly entered into the smartphone database which follows the Diversity Workbench information model. Mechanisms of automated recording and storage of GPS data and the manual recording of multimedia data are included. During that process there is no need to be online. The DM virtual environment covers a synchronisation tool and several web services for


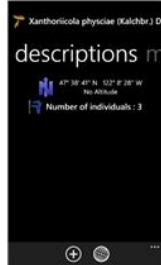

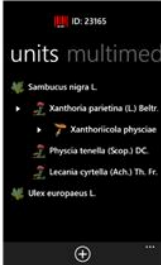
[Details anzeigen](#)

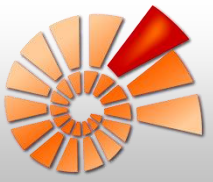
Kostenlos

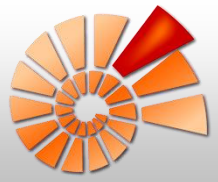
★★★★★
2 Kritiken

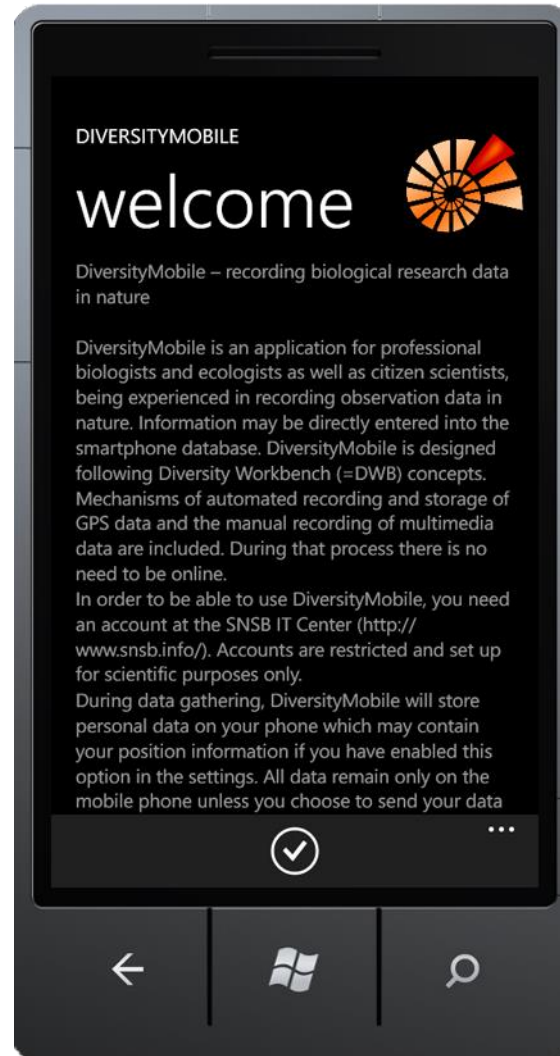
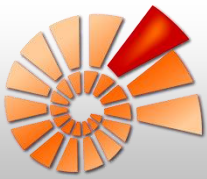
installieren

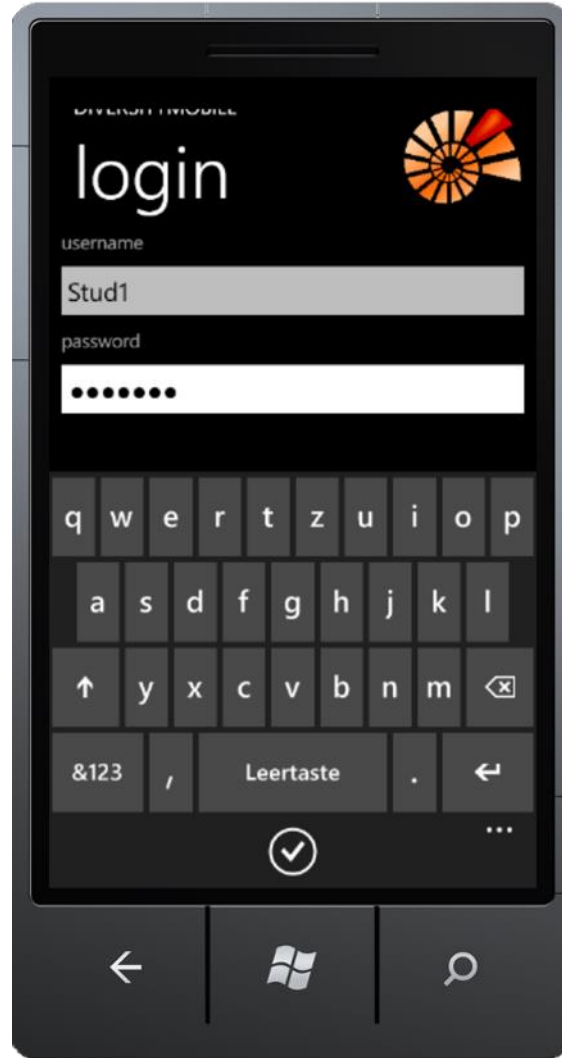
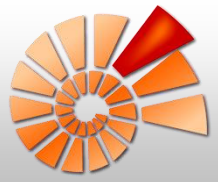
Gefällt mir 2

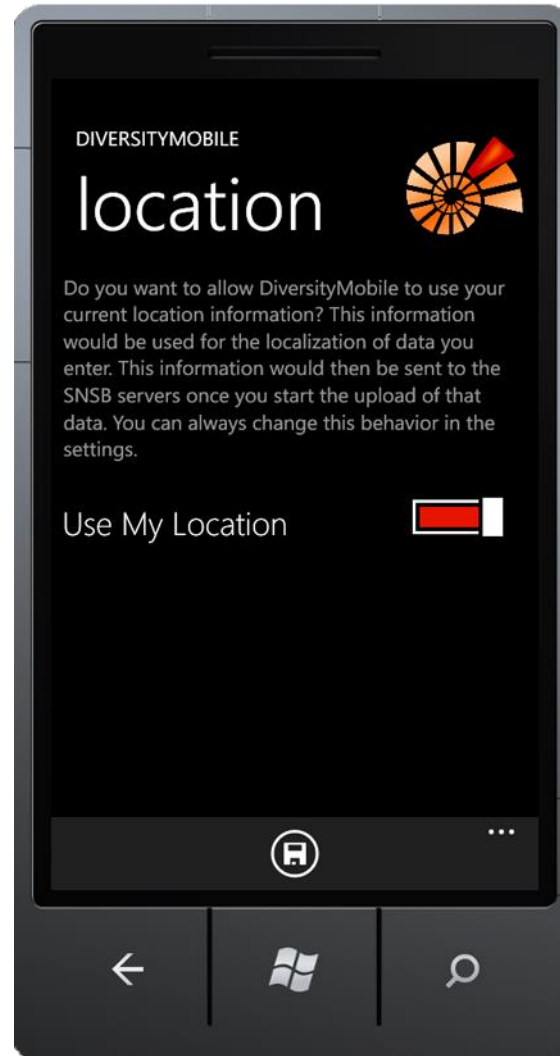
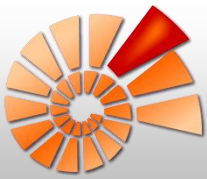


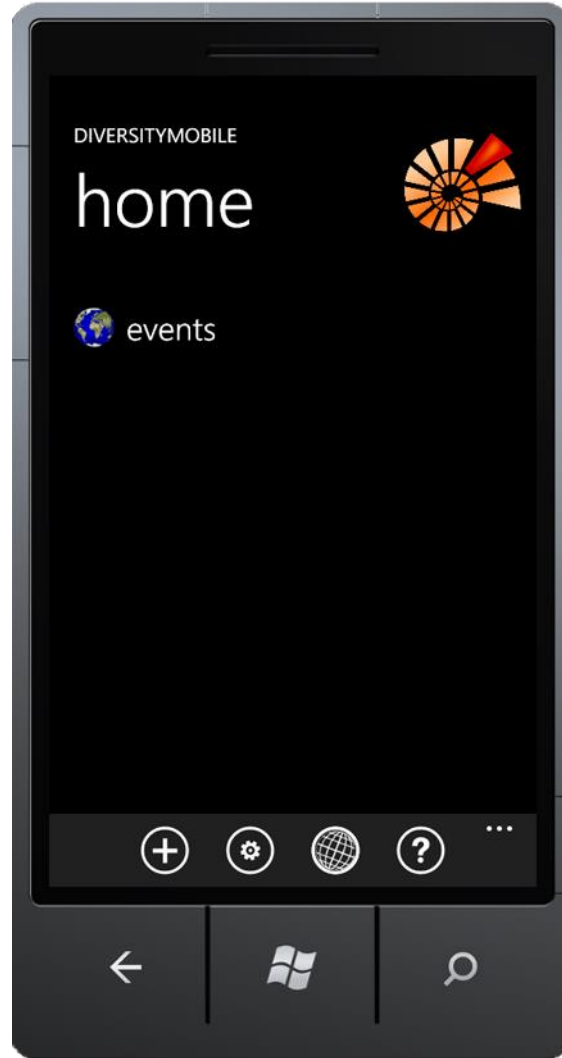
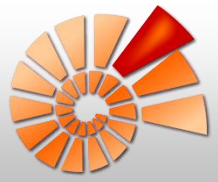


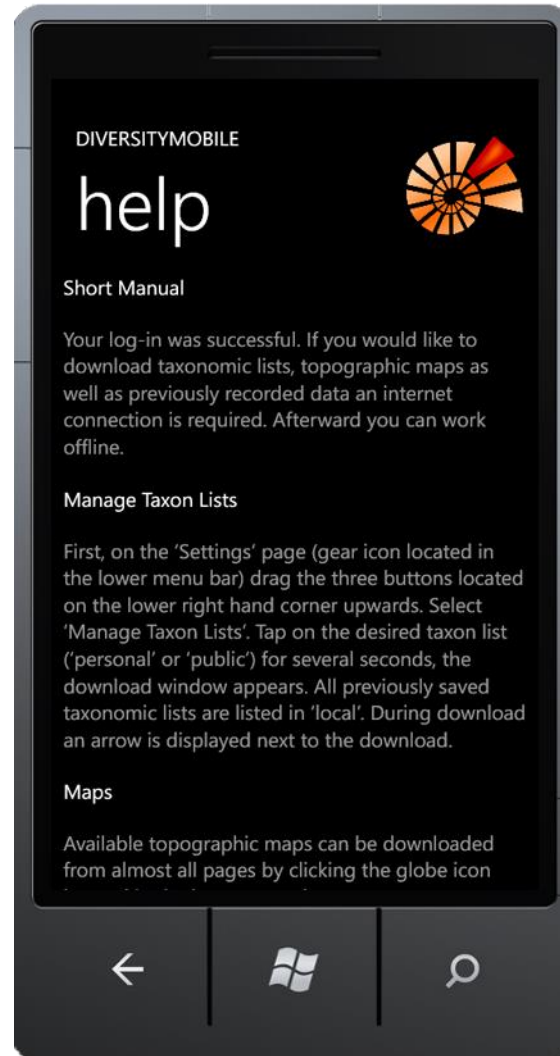
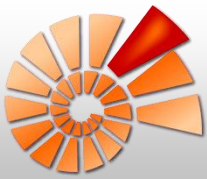


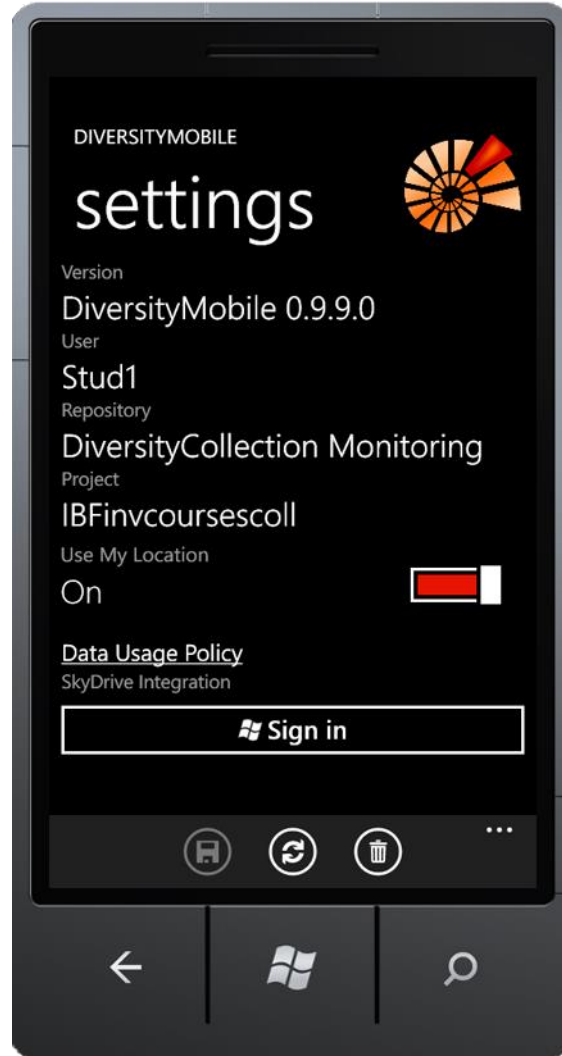
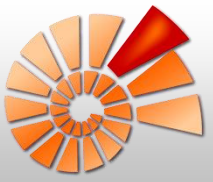


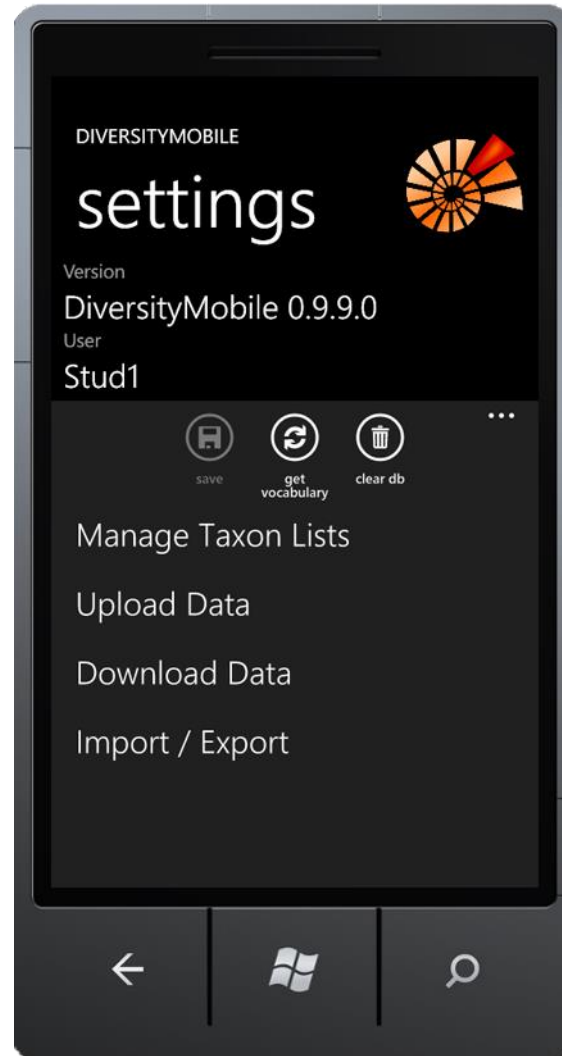
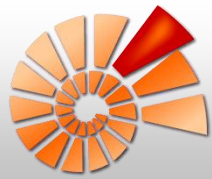


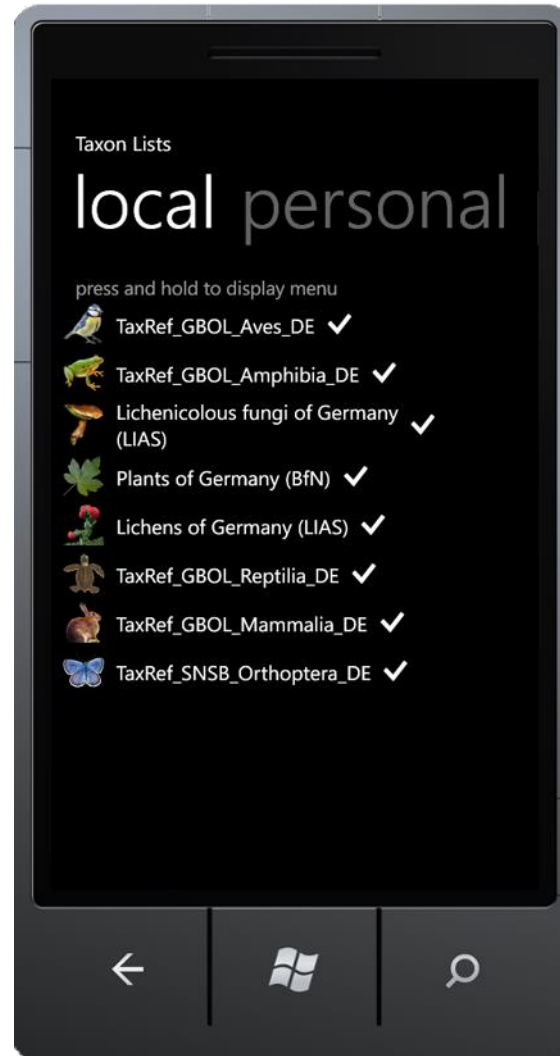
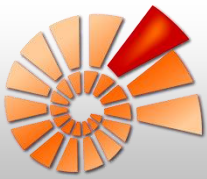


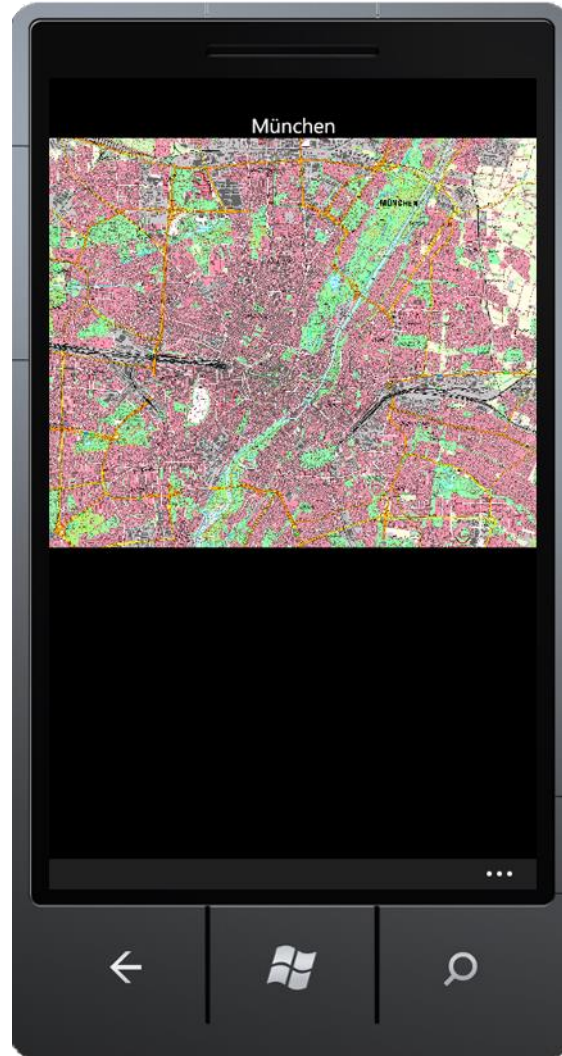
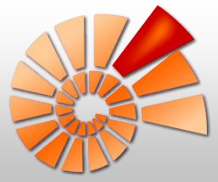


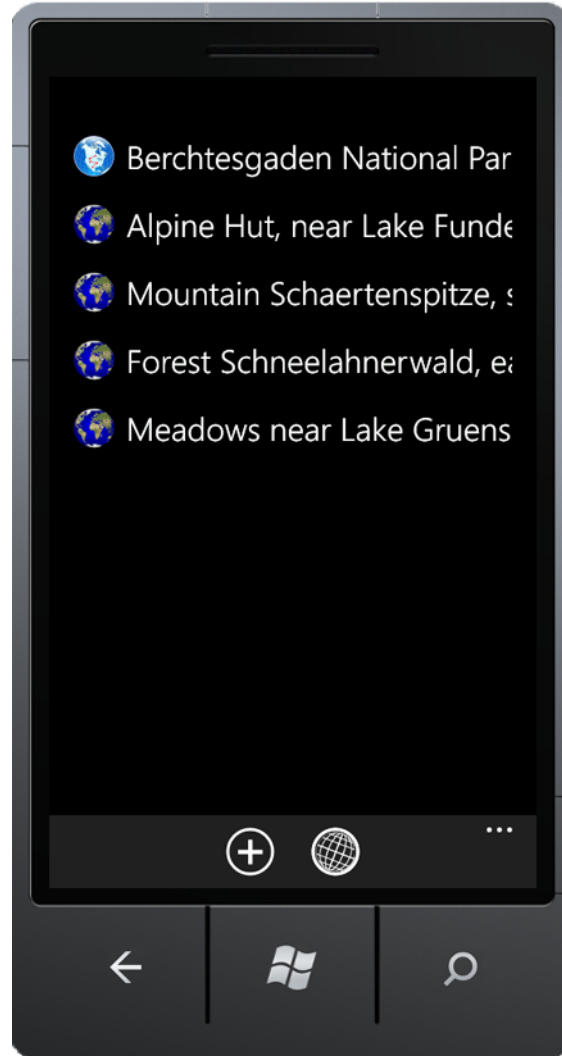
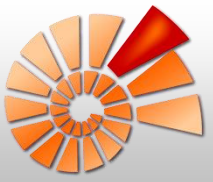


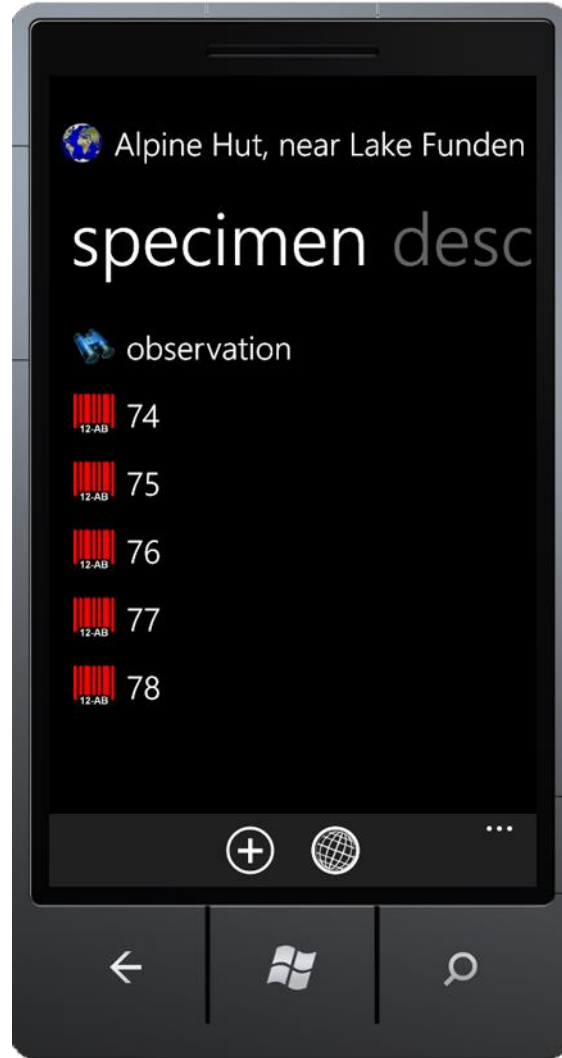
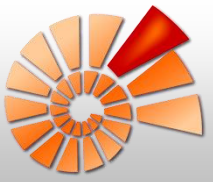


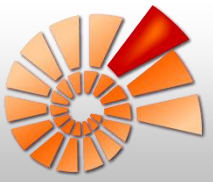


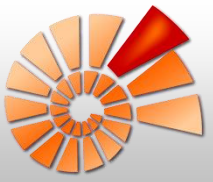


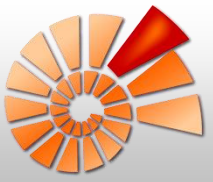


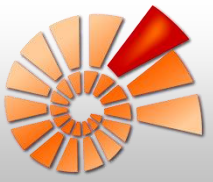


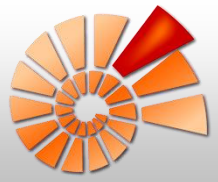


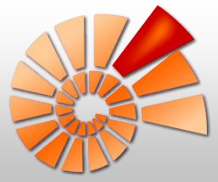


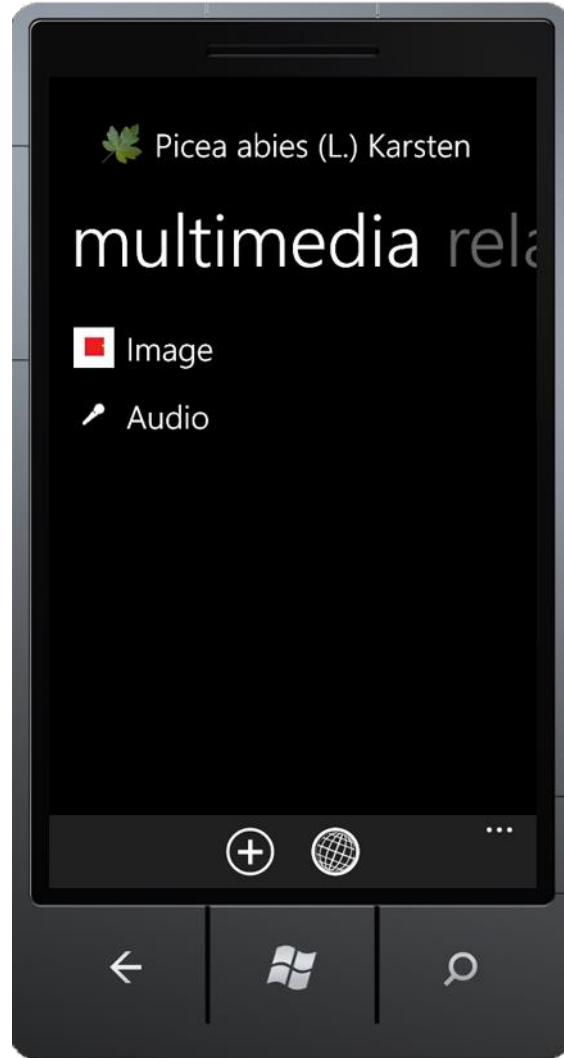
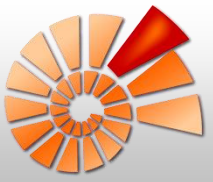


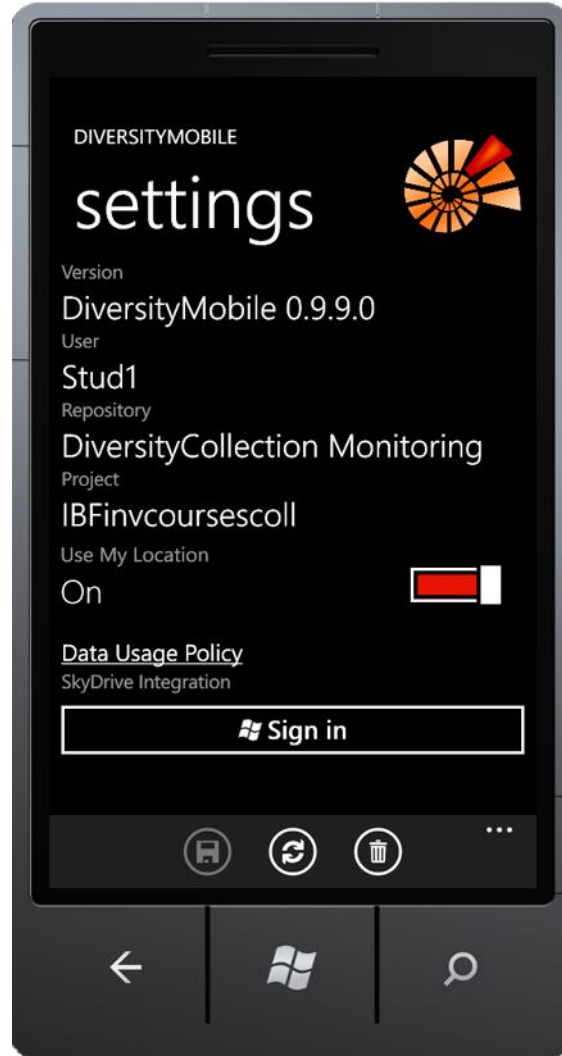
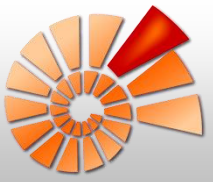


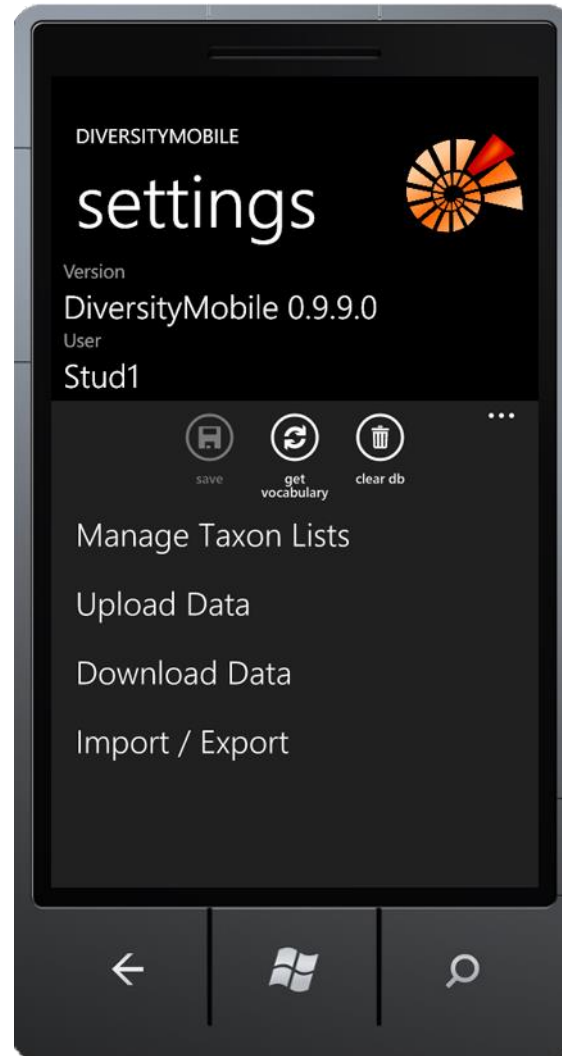
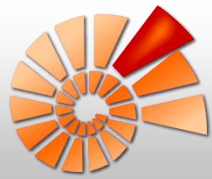


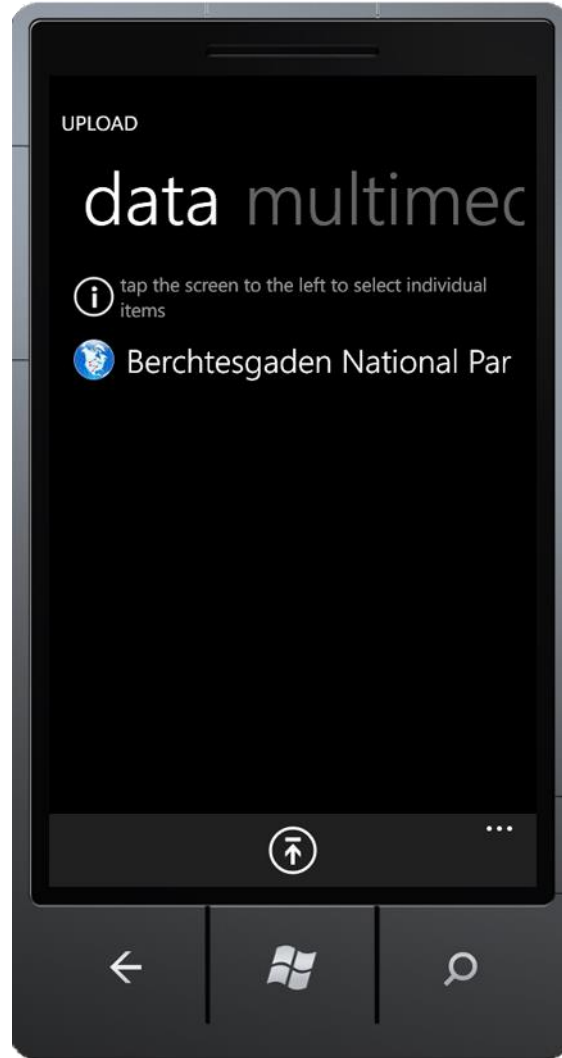
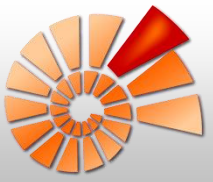


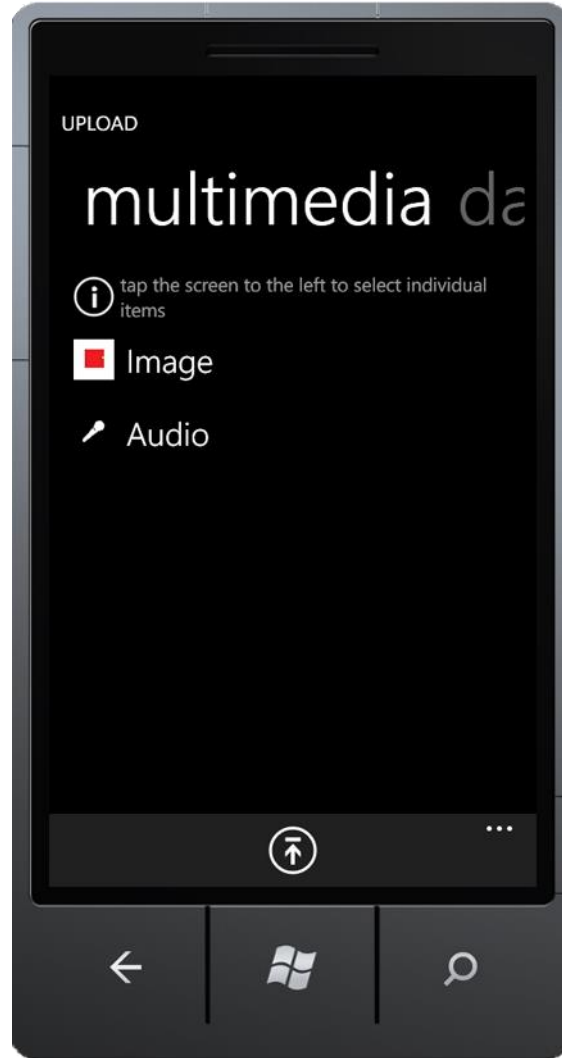
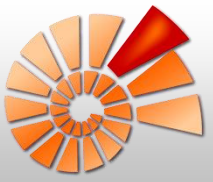


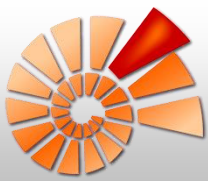












Upload in DiversityCollection

DiversityCollection, Database: DiversityCollection_Monitoring v. 3.0.6.19

Connection Grid Query Data Administration Help

Context: General

Specimen ID: 447089 Event: 317359 Version: 1 1 Withhold:

Acer campestre L.

Images of the specimen

1:1 Max. MB: 2.0 <http://pictures.snsb.info/IBFinvcoursescoll/web/Stud1/>

Query results 1 - 9

- ID: 447086
- ID: 447087
- ID: 447088
- ID: 447089**
- ID: 447090
- ID: 447091
- ID: 447092
- ID: 447093
- ID: 447094

ordnen nach: **Acc. Nr.**

Suchkriterien

Projects

Project = IBFinvcoo

Collection specimen

Acc.Nr.sp. ~

ID =

Depositor ~

Depos.Ac. ~

Orig. notes ~

Withhold. ~

Creat. date =

Collection event

Presence ~

Coll.Date =

Locality ~

Country ~

Coordinates WGS84

WGS84 ~

Av. Lat. =

Av. Lon. =

Place

Place ~

2013/10/25 Alpine Hut, near Lake Funden See

- [ID: 447089]**
- Acer campestre L.**
- Acer cf. campestre L. [det. by Stud1 Date: 2013/10/25 10/25/2013 5:56:45 AM
- Picea abies (L.) Karsten
- Picea abies (L.) Karsten [det. by Stud1 Date: 2013/10/25 10/25/2013 5:59:05 AM
- Deckung nach Braun-Blanquet et al. (25.10.2013): 4
- Dactylina ramulosa (Hook. f.) Tuck. [det. by Stud1 Date: 2013/10/25 10/25/2013 5:59:51 AM
- Stud1

Acer campestre L. 510129

Tax. group: **seedplants** No. of units: Only obs

Gender: Substr. rel.:

Family: Order:

Identification / name changes

Tax. name: **Acer campestre L.**

Vern.tern: Quali.: **cf. alba**

Respons.: **Stud1**

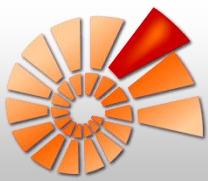
Category: **precision**

Type notes: Type state:

Date: 25 10 2013 Suppl.: Cat.: **real date**

Ref.:

Note:



Upload in DiversityCollection

DiversityCollection, Database: DiversityCollection_Monitoring v. 3.0.6.19

Connection Grid Query Data Administration Help

8/24/2013 Wils12 Specimen ID: 447056 Event 317339 Version 4 5 Withhold. Rambold

Context: General

Query results 1 - 21

- ID: 447038
- ID: 447039
- ID: 447040
- ID: 447048
- ID: 447049
- ID: 447051
- ID: 447052
- ID: 447053
- ID: 447055
- ID: 447056**
- ID: 447079

ordnen nach: Acc. Nr.

Suchkriterien

TK25

Quadrant

Organism

Last. ident.

Tax.group

Family

Identification / name changes

Presence

Substrate

Taxon

Collector

Collector

Part of a specimen

Collection

Images of the specimen

Presence present


Type

Notes

File

Descripti.

Images of the specimen



1:1 Max. MB: 2.0 <http://pictures.snsb.info/IBFinvcoursescoll/web/Stud1/>

2013/8/24 Wils12

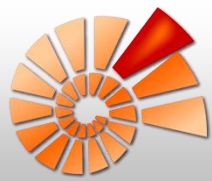
Altitude (mNN): 384,5 m NN

Coord. WGS84 Long. (EW): 16,0849805642069 Lat. (NS): 49,

IID: 4470561

- Quercus petraea Liebl.
- Quercus petraea Liebl. [det. by Stud1 Date: 2013/8/8/28/2013 5:03:39 PM]
- Andricus
- Andricus [det. by Stud1 Date: 2013/8/28]
- Andricus [det. by Stud1 Date: 2013/8/28]
- Andricus [det. by Stud1 Date: 2013/8/28]
- Quercus petraea Liebl.
- Quercus petraea Liebl. [det. by Stud1 Date: 2013/8/8/28/2013 5:27:18 PM]

IID: 4470561



Monitoring of Lichens via DiversityMobile

Firefox

data.gbif.org/datasets/resource/11999/

Staatliche Naturwissenschaftliche Samm...

free and open access to biodiversity data
GLOBAL BIODIVERSITY INFORMATION FACILITY

Search Start new search

HOME SPECIES COUNTRIES DATASETS OCCURRENCES SETTINGS ABOUT

UR

Dataset: **IBF Monitoring of Lichens**
published by Staatliche Naturwissenschaftliche Sammlungen Bayerns

Actions for IBF Monitoring of Lichens

Explore: [Occurrences](#) [Names and classification](#)

List: [Countries with occurrences included in IBF Monitoring of Lichens](#)

Download: [Darwin Core records](#) [One-degree cell density overlay for Google Earth](#) [Placemarks for Google Earth \(limit 10,000\)](#)
[Species with occurrences included in IBF Monitoring of Lichens](#) [Taxonomy as spreadsheet](#)

Send: [Feedback about this occurrence record to Staatliche Naturwissenschaftliche Sammlungen Bayerns](#)

Occurrence overview

Count / one degree cell

- 1 - 9
- 10 - 99
- 100 - 999
- 1000 - 9999
- 10000 - 99999
- 100000+

Beta: GBIF Open Geospatial Consortium services

This map only shows records with coordinates (3.042 records from a total of 3.042 records).

Disclaimer: Maps depict density of data registered within the GBIF network index and not necessarily true species occurrence density gradients.

View all occurrences records published by **IBF Monitoring of Lichens** within the viewed area (29°W, 29°N, 51°W, 69°N)