

The website of BIOTA AFRICA

www.biota-africa.org

Hillmann, T.; Muche, G.

Biocentre Klein Flottbek and Botanical Garden - University of Hamburg, Germany
thomas.hillmann@botanik.uni-hamburg.de

Such a large network as BIOTA AFRICA needs a professional 'corporate image' on the World Wide Web. A potential user of BIOTA's contributions to the biodiversity research has to find BIOTA AFRICA in the internet. For this and further purposes the website www.biota-africa.org was developed. The website presents information about the structure, the participants, the contents, the publications, and data of the BIOTA AFRICA initiative and associated projects.

What

BIOTA AFRICA Introduction

The BIOTA AFRICA network comprises the proposal of numerous African and German research projects which, for many of us, is a joint, interdisciplinary and integrative approach to analyse the change of biodiversity on the African continent.

The overall goal of the project is to create scientific support for decision makers for conservation planning and sustainable management of the use of biodiversity.

To reach this overall goal the following aspects are essential:

Integration of natural and socio-economic approaches

BIOTA Maroc - Pastoral Land Use and Vegetation Dynamics

For further information on biodiversity Observatories and testotas, please click on map or use selection list!

BIOTA East Africa

For further information on our Biodiversity Observatories, please click on map or use selection list!

BIOTA Southern Africa

Scientific support for conservation and sustainable use of biodiversity in Namibia and South Africa

For further information on our Biodiversity Observatories, please click on map or use selection list!

Where

BIOTA Southern Africa Observatory Information Sheet: Quaggasfontein 478 (Soebatsfontein)

Observatory No: 522
Google Earth: [Show observatory in Google Earth](#)

Alternative name: Quaggasfontein 478 (Soebatsfontein)
Location: Namaqualand
Zone: LAND USE CHANGE
Main research: Use of Schiedel
Champion: Christian, Regardt
Para-ecologist: Hamburg Municipality
Owner / Institution: Commune
Land tenure: Commune
Observatory (north-west-corner)

Data

Ranking of the 1ha-plots
Soils
Weather data
Remote sensing
List of plant species
List of terrestrial lichens
Biological Soil Crusts

Results

Name of plant species	Rank (Frequency of occurrence)
Mesembryanthemum guericum	1
Atriplex lindleyi ssp. inflata	2
Galenia sarcophylla	3
Karriekoolia schimoides	4
Didelia cariosa	5

Ranking of the 1ha-plots

Plot	1	2	3	4	5	6	7	8	9	
0	95	98	91	26	53	2	62	52	92	10
1	96	98	91	26	53	2	62	52	92	10
2	53	14	71	88	63	50	81	24	32	82
3	56	98	90	100	24	30	68	62	66	90
4	62	28	76	127	45	99	9	78	82	3
5	72	22	60	92	91	64	82	55	31	85
6	12	46	7	18	79	58	6	59	24	8
7	38	54	15	16	20	78	35	84	49	34
8	11	80	20	83	47	84	39	65	26	22
9	44	28	1	23	91	25	89	66	41	4

Habitat types of the 1ha-plots

Plot	1	2	3	4	5	6	7	8	9	
0	0	1	1	1	3	3	2	2	2	2
1	1	1	1	1	3	2	2	2	2	2
2	1	1	1	1	3	2	2	2	2	2
3	4	4	1	1	1	1	1	1	3	2
4	2	2	1	1	1	1	1	1	1	2
5	6	2	2	1	1	1	1	1	1	2
6	2	2	1	1	1	1	1	1	1	2
7	7	2	8	9	2	2	2	9	1	1
8	10	1	3	2	2	2	4	4	4	2
9	9	10	1	1	3	1	1	1	1	2

New feature soon available

My Access

- Change my password
- View my participant data
- Update my participant data
- Insert/update publication
- Manage publication profile

Interactions between publications and participants

Publications of BIOTA AFRICA

Result: 1 to 10 of 1747 entries

Finckh, M.; Fritzsche, P. (2008)
Landscape Units of the Drâa Catchment
Schulz, O. and Judex, M. (ed.) (2008): IMPETUS Atlas Morocco. Research Results 2000-2007. Department of Geography, University of Bonn, Germany.
Contribution in Book / Hardcopy-ID: -
BIOTA subprojects (Phase I-II): **Maroc Impetus**
Abstract:
The map shows the axiomatic landscape units of the Drâa Catchment. They delineate areas with similar climatic, topographic, geomorphologic and edaphic conditions. Thus, they illustrate ecosystems that have comparable environmental constraints and therefore land use potential.
Keywords: Landscape units, Morocco, Atlas
[mfinckh@botanik.uni-hamburg.de](#)
Publ-ID: 1906 Insert: 18.09.2008 11:14 by M.Finckh Last Change: 18.09.2008 13:58 by M.Finckh

Oldeland, J.; Finckh, M.; Born, K. (2008)
A Bioclimatic Map for Southern Morocco
Schulz, O. and Judex, M. (ed.) (2008): IMPETUS Atlas Morocco. Research Results 2000-2007. Department of Geography, University of Bonn, Germany.
Contribution in Book / Hardcopy-ID: -
BIOTA subprojects (Phase I-II): **Maroc Impetus**
Abstract:
This map shows the potential distribution of the Emberger Index for the Drâa Catchment. Its calculation is based on two factors that limit the growth and distribution of plants: temperature and precipitation. First, the thermic range is confined by threshold values such as frost occurrence. Second, total annual precipitation sets the initial value for water balance. The resulting bioclimatic zones can serve as a proxy for potential vegetation units.
Keywords: -
[mfinckh@botanik.uni-hamburg.de](#)
Publ-ID: 1907 Insert: 18.09.2008 11:16 by M.Finckh Last Change: 18.09.2008 13:57 by M.Finckh

Participants of BIOTA AFRICA

Search result: 1 Participant found

Finckh, Dr. Manfred
University of Hamburg
Biocentre Klein Flottbek and Botanical Garden
Olnhorststr. 18
22609 Hamburg
Germany
Phone: +49 40 42816 549
Phone: +212 135 99939 (Morocco)
Fax: +49 40 42816 539
mfinckh@botanik.uni-hamburg.de

Scientific coordinator
Regional Network:
BIOTA Maroc
Subproject(s) phase I-II:
M

Publications (Number=2)

2008
Oldeland, J.; Finckh, M.; Born, K. (2008) A Bioclimatic Map for Southern Morocco - Schulz, O. and Judex, M. (ed.) (2008): IMPETUS Atlas Morocco. Research Results 2000-2007. (Contribution in Book)

Finckh, M.; Fritzsche, P. (2008) Landscape Units of the Drâa Catchment - Schulz, O. and Judex, M. (ed.) (2008): IMPETUS Atlas Morocco. Research Results 2000-2007. (Contribution in Book)