This report was generated from the SEPASAL database (www.kew.org/ceb/sepasal) in August 2007. This database is freely available to members of the public.

SEPASAL is a database and enquiry service about useful "wild" and semi-domesticated plants of tropical and subtropical drylands, developed and maintained at the Royal Botanic Gardens, Kew. "Useful" includes plants which humans eat, use as medicine, feed to animals, make things from, use as fuel, and many other uses.

Since 2004, there has been a Namibian SEPASAL team, based at the National Botanical Research Institute of the Ministry of Agriculture which has been updating the information on Namibian species from Namibian and southern African literature and unpublished sources. By August 2007, over 700 Namibian species had been updated.

Work on updating species information, and adding new species to the database, is ongoing. It may be worth visiting the web site and querying the database to obtain the latest information for this species.
Cyperus marginatus Thunb. [5104]

Family: CYPERACEAE

Synonyms

Cyperus brunneo-vaginatus Boeck.

Vernacular names

Afrikaans (Namibia) matjiesgoed [5083]
Damara/Nama (Namibia) lharu.s/b [5095]
Nama (Namibia) !khopobe.s [5095], !khowob.s [5095], lharub [2136]
Otjiherero (Namibia) ondeka [5123]

Partial distribution

<table>
<thead>
<tr>
<th>Plant origin</th>
<th>Continent</th>
<th>Region</th>
<th>Botanical country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Native</td>
<td>Africa</td>
<td>East Tropical Africa</td>
<td>Kenya [6544]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Southern Africa</td>
<td>Cape Province [5104], Lesotho [5104] [5550], Namibia [5104] [5183], Orange Free State [5104], Swaziland [5104] [5452], Transvaal [5104]</td>
</tr>
</tbody>
</table>

ISO countries: South Africa [5104]

Descriptors

<table>
<thead>
<tr>
<th>Category</th>
<th>Descriptors and states</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESCRIPTION</td>
<td>Herb [5104]; Aquatic [5123]; Erect [6544]; Rhizomatous [2136] [5123] [6544]; Perennial [5104] [5123] [6544]; Plant Height 0.3-1.52 m [5104]</td>
</tr>
<tr>
<td>CLIMATE</td>
<td>Subtropical, Hot and Arid [5104]</td>
</tr>
<tr>
<td>SOILS</td>
<td>Sometimes Waterlogged (frequency unknown) [6544]; Weakly Saline [5123]; Gravels/Stony [5123]; Poorly Drained [5123]; Sandy [5123]; Seasonally Waterlogged [5123]; Silts [5123]</td>
</tr>
<tr>
<td>HABITAT</td>
<td>Coastal Regions [5123]; Lowland [6544]; Watercourses [2136] [5123]; Estuaries [5123]; Floodplains [5123]; Pans [5123]; Altitude 5-2150 m a.s.l. [5104]</td>
</tr>
<tr>
<td>PRODUCTION AND VALUE</td>
<td>Wild Plants Utilised [2136] [5084]</td>
</tr>
</tbody>
</table>
**DISTRIBUTION**

*South Africa:*
Northwest, Gauteng, Mpumalanga, Free State, KwaZulu/Natal, Northern and Eastern Cape Provinces [5104].

**DESCRIPTION**

*Height:*
0.6-0.8 m [6544].

*Height; 0.3-1.52 m [5104].*

*Inflorescences:*
A 20-60 mm wide, open anthela consisting of one sessile group of spikelets and 2-5 stalked, digitate clusters of spikelets on 50-300 mm long, glabrous peduncles [6544].

*Leaves:*
Originating from the basal 120 mm of the plant only. Leaf sheaths straw coloured or brown, very wide and prominent, the lowermost splitting up into dark bark fibres. Leaf blades absent or up to 10 mm long, glabrous [6544].

*Life form:*
Sedge [5123].

*Lifeform:*
Cyperoid, helophyte [5104].

*Stems:*
Culms up to 0.6-0.8 m long and 1-3 mm thick, obtusely triangular, glabrous [6544].

**IDENTIFICATION**

Most similar to C. conglomeratus, but is lacking leaf blades, or has blades only up to 10 mm long [6544].

**ANIMAL FOOD - AERIAL PARTS**

*Unspecified aerial parts, mammals, grazing:*
In Namibia it is grazed by livestock [5123].
MATERIALS - FIBRES

Plaiting, baskets, stems:
In the lower Ugab-valley in Namibia it was used for the manufacture of baskets, in which plant foods such as berries could be stored [5103].

Plaiting, mats, stems:
It is used as raw material for the construction of mats. It is the best suited type available in the Berseba area (Namibia), as it is thick and reaches a length of up to 1.5 m, allowing wider mats [5084].

Thatch, huts, stems:
It is a favoured house-building material among the Nama in Namibia [5095].

MEDICINES - INFECTIONS/INFESTATIONS

Roots, humans, throat, infections, mumps, poultices:
Portions of the root are warmed and then placed as a poultice around the throat of someone with a sore throat or mumps [5095].

ENVIRONMENTAL USES - INDICATORS

Ground water:
Where this plant grows, in northwest Namibia, it is considered to indicate that there is water close to the surface which you will be able to reach by digging with a stick [5095].

ALTITUDE

East Africa:
450 m [6544].

Southern Africa:
5-2150 m [5104].

TOPOGRAPHY/SITES

Namibia:
Riverbank, riverbeds, fountains, floodplains, pans and estuaries [5123].

SOILS

Namibia:
Sandy silt, stony/rocky soil and saline tolerant [5123].

CYTOLOGY

For the genus x = 5, 8 (6, 7, 9, 13) (high aneuploids, high polyploidy) [5150].

ACKNOWLEDGEMENTS AND DATASHEET PROGRESS

Updated for southern Africa by E. Irish, checked by C. Mannheimer; SEPASAL Namibia, National Botanical Research Institute, March 2007.

References


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