**Brassica elongata**

System: Terrestrial

<table>
<thead>
<tr>
<th>Kingdom</th>
<th>Phylum</th>
<th>Class</th>
<th>Order</th>
<th>Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plantae</td>
<td>Magnoliophyta</td>
<td>Magnoliopsida</td>
<td>Capparales</td>
<td>Brassicaceae</td>
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</tbody>
</table>

**Common name**
long-atalked rape (English), elongated mustard (English), stepinis bastutis (English, Lithuania)

**Synonym**
- Brassica elongata, ssp. integrifolia (Boiss.) Breistr
- Erucastrum armoracioides, (Czern. ex Turcz.) Cruchet
- Brassica elongata, var. pinnatifida Smal'g.
- Brassica subscaposa, Maire & Weiller

**Similar species**

**Summary**
Brassica elongata (elongated mustard) is a perennial herb that is native to Europe and Central Asia. Over most of its alien range, impacts of its presence are not yet known, but in a few areas Brassica elongata has competed with native flora for resources. Brassica elongata has the potential to spread over large areas, especially in disturbed habitats.

**Species Description**
*Brassica elongata* is a biennial to perennial plant with erect stems up to 1 metre tall. The basal leaves are pinnately lobed to shallowly toothed; the stem leaves are much reduced, and do not clasp the stem. The petals are 6-8.5mm long. The fruits are 1-4cm long, with a stalk-like base above the sepal scars and a seedless narrow beak. (Stace *et al*, undated).

**Notes**

**Uses**
*Brassica elongata* is cultivated in Estonia (EME, undated) and is considered a potential gene source for improving quality in rape crops (ARS-GRIN, 2006).
Habitat Description
Young et al., in discussing the distribution of Brassica elongata along US Highway 50 near Eureka, Nevada, US says that "the remarkable part of this distribution is the rugged topography and variety of plant communities it encompasses." The Eureka, Nevada distribution also includes areas of salt affected soil, highly variable annual precipitation, and considerable change in elevation. (Young et al., 2003)

Reproduction
On the Great Basin rangeland, in the US, Brassica elongata "produces abundant seeds that germinate over a wide variety of constant and alternating temperatures." (Young et al., 2003). Germination of B. elongata seeds is, however, extremely limited at very cold seedbed temperatures. The ability to germinate at these temperatures is a competitive advantage for other exotic species on the Great Basin rangeland. (Young et al., 2003)

General Impacts
In Poland, Brassica elongata invades disturbed habitat and has competed with native vegetation for resources and displaced a few xerothermic plants (Mirek, undated).

Principal source:
Compiler: National Biological Information Infrastructure (NBII) & IUCN/SSC Invasive Species Specialist Group (ISSG)

Review:
Publication date: 2007-01-09

ALIEN RANGE
[1] ESTONIA
[1] GERMANY
[1] LITHUANIA
[1] POLAND
[4] UNITED STATES

BIBLIOGRAPHY
10 references found for Brassica elongata

Management information
Alien Species in Poland, 2006 Brassica elongata
European and Mediterranean Plant Protection Organization (EPPO), 2006, Guidelines for the management of invasive alien plants or potentially invasive alien plants which are intended for import or have been intentionally imported. EPPO Bulletin 36 (3), 417-418.

General information
ITIS (Integrated Taxonomic Information System). 2006. Online Database Brassica elongata
Summary: An online database that provides taxonomic information, common names, synonyms and geographical jurisdiction of a species. In addition links are provided to retrieve biological records and collection information from the Global Biodiversity Information Facility (GBIF) Data Portal and bioscience articles from BioOne journals. Available from: http://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=23056 [Accessed 3 December 2006]

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Summary: A list of invasive species in Lithuania and the dates when they were first recorded in Lithuania. Available from: http://www.ku.lt/lisd/species.html [Accessed 2 December 2006]


USDA, ARS. 2006. National Genetic Resources Program. Germplasm Resources Information Network - (GRIN) [Online Database]. Brassica elongata National Germplasm Resources Laboratory, Beltsville, Maryland.

USDA, NRCS. 2006. The PLANTS Database. National Plant Data Center, Baton Rouge, LA 70874-4490 USA.

Summary: Includes information about nativity and the introduction of B. elongata to the United States.