

Brassica elongata [简体中文](#) [正體中文](#)

System: Terrestrial

Kingdom	Phylum	Class	Order	Family
Plantae	Magnoliophyta	Magnoliopsida	Capparales	Brassicaceae

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.



[view this species on IUCN Red List](#)

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

The Euro+Med Plantbase Project (2006) lists five subspecies of *B. elongata*: *B. elongata* Ehrh. ssp. *elongata*, *B. elongata* ssp. *imdrhasiana* Quézel, *B. elongata* ssp. *integrifolia* (Boiss.) Breistr., *B. elongata* ssp. *pinnatifida* (Schmalh.) Greuter & Burdet, and *B. elongata* ssp. *subscaposa* (Maire & Weiller) Maire.

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)



GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: *Brassica elongata*

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] LITHUANIA
[4] UNITED STATES

[1] GERMANY
[1] POLAND

BIBLIOGRAPHY

10 references found for *Brassica elongata*

Management information

[Alien Species in Poland, 2006 *Brassica elongata*](#)

Summary: Available from: <http://www.iop.krakow.pl/ias/Gatunek.aspx?spID=91> [Accessed 18 March 2010]

[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

[Estonian Ministry of the Environment. Undated. Database of alien species in Estonia.](#)

Summary: A small amount of information about the introduction of *B. elongata* to Estonia.

Available from: <http://eelis.ic.envir.ee/voorliigid/eng/> [Accessed 3 December 2006]

[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]

[Lithuanian National Invasive Species Database. Undated. Species Inventory.](#)

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]

[Stace, C., van der Meijden, R., and I. de Kort. Undated. *Brassica elongata* \(Rape, Long-stalked\). Interactive Flora of NW Europe.](#)

Summary: Includes a description of plant characteristics.

Available from: <http://ip30.eti.uva.nl/BIS/flora.php?selected=beschrijving&menuentry=soorten&id=2389> [Accessed 1 December 2006]

[The Euro+Med Plantbase Project. 2006. *Brassica elongata*. Botanic Garden and Botanical Museum Berlin-Dahlem.](#)

Summary: Includes information on *B. elongata* subspecies.

Available from: http://ww2.bgbm.org/_EuroPlusMed/PTaxonDetail.asp?NameID=12934&PTReffk=500000 [Accessed 4 December 2006]

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

Summary: Includes information on native range and synonyms.

Available from: <http://www.ars-grin.gov/cgi-bin/npgs/html/taxon.pl?7645> [Accessed 2 December 2006]

[USDA, NRCS. 2006. The PLANTS Database. National Plant Data Center, Baton Rouge, LA 70874-4490 USA.](#)

Summary: Includes United States distribution and information on invasiveness.

Available from: <http://plants.usda.gov/java/profile?symbol=BREL2> [Accessed 1 December 2006]

Global Invasive Species Database (GISD) 2024. Species profile *Brassica elongata*. Available from:

<https://iucngisd.org/gisd/species.php?sc=1064> [Accessed 22 December 2024]



GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: *Brassica elongata*

Young, J.A., Clements, C.D., and R. Wilson. 2003. *Brassica elongata* ssp. *integrifolia* seed germination. *Journal of Range Management*. 56(6)
Summary: Includes information about nativity and the introduction of *B. elongata* to the United States.