



	TAXONOMY
Family Names	
Family Scientific Name:	Cyperaceae
Family Common Name:	Sedge
Scientific Names	
Genus:	Carex
Species:	inops
Species Authority:	L. H. Bailey
Variety:	
Sub-species:	
Cultivar:	
Authority for Variety/Sub-species:	
Common Synonym(s) (include full	CAINI3 Carex inops L.H. Bailey ssp inops
scientific names (e.g., Elymus	CAINH2 Carex inops ssp heliophila (Mack.) Crins
glaucus Buckley), including variety	Synonyms for <i>ssp heliophila</i>
or subspecies information)	CAER5 Carex erxlebeniana L. Kelso
	CAHE5 Carex heliophila Mack.

	CAPEH Carex pensylvanica Lam. ssp. Heliophila	
	(Mack.) W.A. Weber	
	CAPED Carex pensylvanica Lam. var. digyna	
	Boeckeler	
Common Name(s):	long-stolon sedge or sun sedge (ssp heliophila)	
Species Code (as per USDA Plants	CAIN9	
database):		
GENER PLANTS		
Geographical range (distribution maps for North America and Washington state)	Database	
	http://plants.usda.gov/java/profile?symbol=CAIN9	
	PLANTS CAINIB	
	http://plants.usda.gov/java/profile?symbol=CAIN9	

Ecological distribution (ecosystems it occurs in, etc):	Found in shortgrass, mixed, and tallgrass prairies, as well as Ponderosa pine communities and other woodlands (Fryer 2009)
Climate and elevation range	Dry to seasonally wet climates. Occasionally found at elevations > 5000 ft.(Fryer 2009)
Local habitat and abundance; may include commonly associated species	May dominate to co-dominate in some systems. High prevelance and persistance even in systems where it is not the dominant species. (Fryer 2009)
Plant strategy type / successional stage (stress-tolerator, competitor, weedy/colonizer, seral, late successional)	No information
Plant characteristics (life form (shrub, grass, forb), longevity, key characteristics, etc)	Graminiod with a modeled lifespan of 25 years. (Fryer 2009)
PROPAGATION DETAILS	
Ecotype:	No information
Propagation Goal:	No information
Propagation Method:	No information
Product Type:	No information
Stock Type:	No information
Time to Grow:	No information
Target Specifications:	No information
Propagule Collection:	<i>Carex inops</i> seed heads may be field collected by clipping from August to September depending on location. (www.goert.ca)
Propagule Processing/Propagule Characteristics:	Separate seed from seed head. Dry inflorescences by spreading out over fine screen in an warm, dry, well-ventilated area. Clean seed by hand stripping and using a sieve or air screen cleaner to remove chaff (as per <i>C. rostrata</i> ). (www.goert.ca)
	Store dry in refrigerator (as per <i>C. obnupta</i> in Rose <i>et al.</i> , 1998), or dry in sealed containers at room temperature with a moisture content of 6-8% for up to 17 months (as per <i>C. rostrata</i> ).(www.goert.ca)
Pre-Planting Propagule Treatments (cleaning, dormancy treatments, etc):	Sow in fall and keep wet outdoors for natural stratification or stratify wet in a refrigerator and sow in February in potting soil and place in a hoop house (as per <i>C. rostrata</i> ). (www.goert.ca)
Growing Area Preparation / Annual Practices for Perennial Crops (growing media, type and size of containers, etc):	No information
Establishment Phase (from seeding to	Sow in February in potting soil and place in hoop
germination):	house. (as per C. obnupta). (www.goert.ca)

Length of Establishment Phase:	Germination within one month (as per <i>C. obnupta</i> ).
	(www.goert.ca)
Active Growth Phase (from	No information
germination until plants are no	
longer actively growing):	
Length of Active Growth Phase:	No information
Hardening Phase:	No information
Length of Hardening Phase:	No information
Harvesting, Storage and Shipping (of	No information
seedlings):	
Length of Storage:	No information
Guidelines for Outplanting /	No information
Performance on Typical Sites:	
Other Comments:	Other sources report that <i>Carex inops</i> can be difficult to
	propagate from seed. (Davenport)
INFORMATION SOURCES	
References (full citations):	"PLANTS Profile" Carex inops L. H. Bailey lon-stolon
	sedge. <u>http://plants.usda.gov/java/profile?</u>
	symbol=CAIN9 (Accessed 17 May 2011)
	Fryer, Janet L. 2009. Carex inops. In: Fire Effects
	Information System, [Online]. U.S. Department of
	Agriculture, Forest Service, Rocky Mountain Research
	Station, Fire Sciences Laboratory (Producer).
	Available: <u>http://www.fs.fed.us/database/feis/</u> [2011,
	May 18].
	1viay 10j.
	"Native Plant Propagation Guidelines:
	grasses & sedges" Carex inops (long-stoloned sedge)
	http://www.goert.ca/propagation_guidelines/grasses_an
	<u>d_sedges/carex_inops</u> (Accessed 17 May 2011)
	Barbour, Jill R. 2005. Propagation protocol for
	production of <i>Carex pennsylvanica</i> Lam. seeds (seed
	cleaning techniques); USDA FS - National Seed
	Laboratory, Dry Branch, Georgia. In: Native Plant
	Network. URL: <u>http://www.nativeplantnetwork.org</u>
	(accessed 17 May 2011). Moscow (ID): University of
	Idaho, College of Natural Resources, Forest Research
	Nursery.
	Inuisory.
	Butler Jannifer: Friegunge Christin 2001 Propagation
	Butler, Jennifer; Frieswyk, Christin. 2001. Propagation protocol for production of <i>Carex</i> seeds; USDI NPS -
	Rocky Mountain National Park, Estes Park, Colorado.
	In: Native Plant Network. URL:
	III. INALINE FIAILI INELWOIK. UKL.

	http://www.nativeplantnetwork.org (accessed 17 May 2011). Moscow (ID): University of Idaho, College of Natural Resources, Forest Research Nursery. Davenport, R. "Rocky Prairie Restoration and Native Plant Propagation Project"
	http://www.southsoundprairies.org/documents/complet eddavenportdocpdf (Accessed 17 May 2011)
Other Sources Consulted (but that contained no pertinent information) (full citations):	"Carex inops (Cyperaceae)" Carex inops L. H. Bailey http://culturesheet.org/cyperaceae:carex:inops (Accessed 17 May 2011)
	Hipp A. L. Field Guide to Wisconsin Sedges. 2008. http://systematics.mortonarb.org/lab/publications/sedge FieldGuide_excerpts.pdf (Accessed 17 May 2011)
	"SUNRIVER TO MT BACHELOR DRAFT REVEGETATION PLAN" <u>http://www.nativerevegetation.org/pdf/learn/tech_guide</u> <u>8_revegetation_plan_example.pdf</u> (Accessed 17 May 2011)
	"E-Flora BC: Electronic Atlas of the Plants of British Columbia" <i>Carex inops</i> L.H. Bailey <u>http://linnet.geog.ubc.ca/Atlas/Atlas.aspx?</u> <u>sciname=Carex%20inops&amp;redblue=Both&amp;lifeform=6</u> (Access 17 May 2011)
Protocol Author (First and last name):	Jennifer J. Abbott
Date Protocol Created or Updated (MM/DD/YY):	05/17/11

Note: This template was modified by J.D. Bakker from that available at: http://www.nativeplantnetwork.org/network/SampleBlankForm.asp