

## Utah *Cyperus* (Flatsedge)

by Tony Frates

first published\* 10/16/2016 in the Summer-Fall 2016 *Sego Lily* which omitted the distribution columnar text which is included here  
(updated 11/20/2019)

Name	A=Annual P=Perennial SLP=short-lived perennial	Subgenus	Distribution in Utah *new or not previously reported in one or more regional floras  Elevations are all mainly valley to low foothills except for <i>C. schweinitzii</i> and <i>C. squarrosus</i> which enter lower midmontane zones	UNPS conservation status  (rarity, where ranked, is peripheral for this genus in Utah)
<i>Cyperus acuminatus</i>	A	PYCNOSTACHYS	Millard	<b>Watch</b> (known from only 5 collections)
<i>Cyperus bipartitus</i> (syn. <i>C. rivularis</i> )	A	PYCREUS	Utah, Weber* (probably was in Salt Lake-Davis pre-settlement)	<b>Watch</b> (known from only 2 collections)
<i>C. erythrorhizos</i>	A	CYPERUS	Garfield, Grand, Kane, Salt Lake*, San Juan, Utah, Washington, Wayne*, Weber*	Low
<i>C. esculentus</i> (two taxa)	P	CYPERUS	Davis, Grand, Salt Lake*, Utah*, Washington	Low  (re: var. <i>heermannii</i> , need data)
<i>C. michelianus</i> ( <i>C. pygmaeus</i> , misapplied)	A	MICHELIANI Not treated by FNA nor <i>Intermountain Flora</i> but included in the <i>Uinta Flora</i> (2014) and in the <i>A Utah Flora</i> series (5 <sup>th</sup> ed., 2015); wasn't known to occur in North America at the time the 2003 FNA treatment was prepared.	Uintah, and in the Green-Colorado River drainage (incl. Emery+, Grand+, San Juan+, Wayne+)  (+first observed in the stretch of the Green River south of Green River, Utah to the confluence in 2019 by two separate individuals)	N/A – currently is being considered as an <b>exotic</b> introduction in UT, AZ and NM, but how it was apparently recently introduced into the western US remains a mystery. First verified collection in North America was by Sherel Goodrich on 09-23-2009 (#27731) in Uintah Co., Utah. Since then, plants previously misidentified from AZ have been placed here and so we know that the species was in the AZ's Grand Canyon/Colorado river drainage since at least Oct. 1993 (Stevens s.n.)
<i>C. odoratus</i>	A, SLP	DICLIDIUM	Grand*, Kane*, San Juan* (Colorado River drainage)	Not yet ranked probably Medium
<i>C. schweinitzii</i>	P	CYPERUS	Kane (dunes and sandy soil north and west of Kanab; unusual habitat compared to other <i>Cyperus</i> species in UT)	<b>Medium</b>
<i>C. squarrosus</i>	A	CYPERUS	Duchesne,	Low

(syn. <i>C. aristatus</i> )			Emery, Garfield, Grand, Kane, Piute, Salt Lake (rare), San Juan, Uintah, Utah, Washington, Weber	
<i>C. strigosus</i>	SLP, P	CYPERUS	Garfield*, Kane*, Washington	<b>Medium</b>

\* Frates T. 2016. New flatsedge reports for Utah. *Sego Lily* 39(3):22-23.