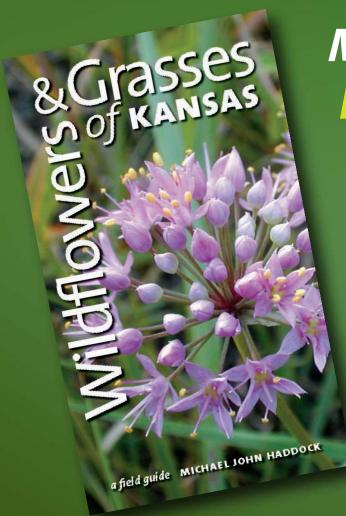


Kansas Wildflowers and Grasses, one of four Kansas State University AgNIC sites, began in 1996 and has been considerably enlarged over a twelve year period. The site contains information with more than 2530 identification photos for 534 species of forbs, grasses, sedges, rushes, and woody plants that grow in Kansas.



Professor Mike Haddock is Agriculture Librarian and Chair of the Sciences Department at K-State Libraries.

Mike is the author of Wildflowers and Grasses of Kansas: A Field Guide , a book that was published by the University Press of Kansas in 2005. The book was selected as a "2006 Kansas Notable Book" by the Kansas Center for the Book at the State Library of Kansas. Both this web site and the book are cited online in the Bibliography and Related Links section of National Geographic's April 2007 feature on the Flint Hills of Kansas.

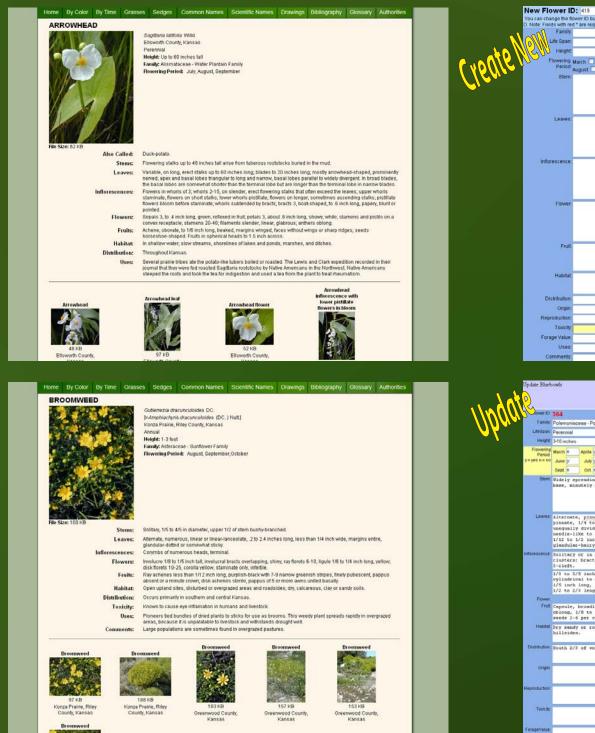
Yongli Zhou is the Digital Repositories Librarian at Colorado State University Libraries. She worked at K-State Libraries as a resident librarian. She redesigned and coded the new web site.

why kedesign the Site:

• A new look Portable



• Consistent metadata display • Easy-to-update web interface



Static to Dynamic: **Growing a Wildflower Web Site** http://www.kswildflower.org

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How the site wo

1. The database was built using phpMyAdmin. Data may be added using either phpMyAdmin or custombuilt input forms.



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←⊤→ sci_id		plant_id	sci_name	prim_auth1	prim_auth2		
	1	×	534	360	Desmodium sessilifolium	138	NULL
	1	×	535	361	Euthamia gymnospermoides	NULL	NULL
	1	×	536	362	Cicuta maculata	NULL	NULL
	1	×	537	363	Aesculus glabra	NULL	NULL
	1	×	538	364	Gilia rigidula	NULL	NULL
	1	×	540	364	Gilia acerosa	44	NULL
	1	×	539	364	Giliastrum acerosum	44	NULL
	1	×	541	365	Streptanthus hyacinthoides	NULL	NULL
	1	×	542	366	Lamium amplexicaule	NULL	NULL
	1	×	543	367	Asclepias quadrifolia	NULL	NULL
	1	×	544	368	Monarda bradburiana	NULL	NULL
	1	×	545	369	Phacelia hirsuta	NULL	NULL
	1	×	546	370	Krigia dandelion	63	NULL
	1	×	547	371	Rumex venosus	NULL	NULL
	1	×	548	372	Melampodium leucanthum	NULL	NULL
				373	Zinnia grandiflora	NULL	NULL
	† 1 †	1/	nan	374	Hymenopappus flavescens	NULL	NULL



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tlower			No	ne					
			J	flowerID	family	lifeSpan	height	stem	le
		2	×	363	Hippocastanaceae - Buckeye Family	Shrub or small tree	3-12+ feet	Erect; bark of young trees smooth, pale yellow-bro	Opposite palmately stalk 4 t.
		2	×	364	Polemoniaceae - Polemonium Family	Perennial	3-10 inches	Widely spreading branches from base, minutely glan	Alternate pinnately pinnate, f
		1	×	365	Brassicaceae - Mustard Family	Annual	To 40 inches	Erect, simple or rarely branched above, glabrous, 	Alternate linear-lan to 6 i

- delete data without programming in MySQL
- Javascript, PHP and MySQL.
- construct the web site layout
- * Flash was used for the animated movie on the front page which adds graphic appeal

The common name and scientific name tables automatically generate the respective index pages. **2.** MySQL is used to build queries and PHP is used for the display of retrieved information. Macromedia Dreamweaver was used to generate much of the MySQL and PHP code.

3. Some of the more complicated display required hard coding. (e.g. Authority display and the Wildflowers Listed by Time of Flowering page.)

