



Floral morphology to discriminate taxa between and within *Cytisus* sect. *Alburnoides*, sect. *Spartopsis* and sect. *Verzinum* (Genisteae, Fabaceae)

Submitted by Laurence Hibran... on Tue, 06/02/2015 - 12:02

Titre	Floral morphology to discriminate taxa between and within <i>Cytisus</i> sect. <i>Alburnoides</i> , sect. <i>Spartopsis</i> and sect. <i>Verzinum</i> (Genisteae, Fabaceae)
Type de publication	Article de revue
Auteur	Auvray, Gaëlle [1], Gouron, C. [2], Malécot, Valéry [3]
Editeur	Springer Verlag
Type	Article scientifique dans une revue à comité de lecture
Année	2012
Langue	Anglais
Date	2014
Numéro	10
Pagination	1827-1835
Volume	298
Titre de la revue	Plant Systematics and Evolution
ISSN	0378-2697
Résumé en anglais	<p>Delimitation of sections is controversial within the genus <i>Cytisus</i> L. (Fabaceae, Genisteae). A morphological study has been conducted on 19 taxa from sections <i>Alburnoides</i>, <i>Spartopsis</i> and <i>Verzinum</i> to clarify their discrimination. Thirty-five quantitative and qualitative characters were recorded on a maximum of 15 dry or living flowers per taxon. Three multiple correspondence factor analyses (MCFA) were performed on a matrix based on 22 of the 35 recorded morphological characters to (1) compare the variability within and between individuals and (2) distinguish groups among the studied taxa. MCFA showed that both flowers sampled from the same plant or different individuals could represent the morphological variability of a taxon. MCFA also clustered the 19 taxa into three groups corresponding to sections <i>Alburnoides</i>, <i>Spartopsis</i> and <i>Verzinum</i> as defined by Cristofolini and Troia (Taxon 44:733-746, 2006). However, floral morphology has not been sufficient to discriminate taxa within sections. A key of the three studied sections based on floral characters is given.</p>
URL de la notice	http://okina.univ-angers.fr/publications/ua12158 [4]
DOI	10.1007/s00606-012-0683-8 [5]
Lien vers le document	http://dx.doi.org/10.1007/s00606-012-0683-8 [5]

Liens

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- [3] [http://okina.univ-angers.fr/publications?f\[author\]=11845](http://okina.univ-angers.fr/publications?f[author]=11845)
- [4] <http://okina.univ-angers.fr/publications/ua12158>
- [5] <http://dx.doi.org/10.1007/s00606-012-0683-8>

Publié sur *Okina* (<http://okina.univ-angers.fr>)