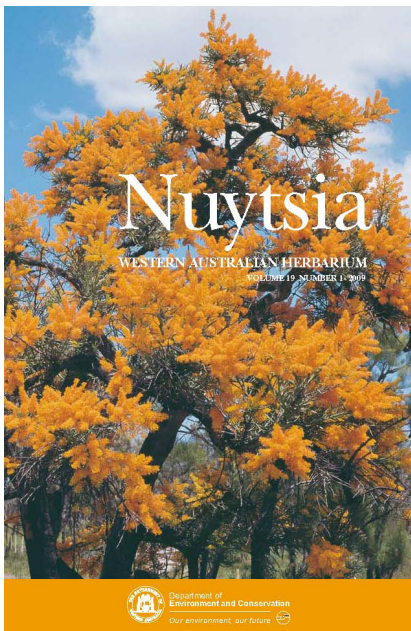


# Nuytsia

WESTERN AUSTRALIA'S JOURNAL OF SYSTEMATIC BOTANY

ISSN 0085-4417



Shepherd, K.A. and Wilson, P.G.

Clarification of recent combinations in the genus *Dysphania* (Chenopodiaceae)

*Nuytsia* 19(1): 198-199 (2009)

All enquiries and manuscripts should be directed to:

The Managing Editor – *NUYTSIA*  
Western Australian Herbarium  
Dept of Environment and Conservation  
Locked Bag 104 Bentley Delivery Centre  
Western Australia 6983  
AUSTRALIA

Telephone: +61 8 9334 0500  
Facsimile: +61 8 9334 0515  
Email: [nuytsia@dec.wa.gov.au](mailto:nuytsia@dec.wa.gov.au)  
Web: [science.dec.wa.gov.au/nuytsia](http://science.dec.wa.gov.au/nuytsia)



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## Clarification of recent combinations in the genus *Dysphania* (Chenopodiaceae)

In a paper commenting on the generic status of the Chenopodiaceae, Wilson (1987) noted an affinity between the representatives of *Chenopodium* L. subg. *Ambrosia* A.J.Scott and the genus *Dysphania* R.Br., based on the presence of both septate and glandular hairs as well as similarities in leaf shape, leaf venation, inflorescence structure and seed orientation. Mosyakin and Clemants (2002) later came to a similar conclusion and reassigned the North American representatives (both endemic and naturalised) of *Chenopodium* subg. *Ambrosia* to *Dysphania*. More recent molecular studies have provided further evidence of this relationship (Kadereit *et al.* 2003, 2005) and Shepherd and Wilson (2008) therefore proposed that the Australian and New Zealand representatives of *Chenopodium* subg. *Ambrosia* sect. *Orthosporum* should also be transferred to *Dysphania* (see Table below). Although the Shepherd and Wilson manuscript was accepted for publication in the journal *Nuytsia* in February 2008, it was not published until August of that year. A paper by Mosaykin and Clemants (2008) making all of the same combinations with the exception of *Chenopodium melanocarpum* f. *leucocarpum* (Aellen) Paul G.Wilson, was published in July 2008. As Mosaykin and Clemants (2008) antedates Shepherd and Wilson (2008) their combinations are accepted. The correct authorities for the relevant taxa are given below to avoid any confusion.

Shepherd & Wilson (August 2008)	Correct names
<i>Dysphania melanocarpa</i> (J.M.Black) Paul G.Wilson & K.A.Sheph.	<i>Dysphania melanocarpa</i> (J.M.Black) Mosyakin & Clemants, J. Bot. Res. Inst. Texas 2: 427 (July 2008)
<i>Dysphania melanocarpa</i> f. <i>leucocarpa</i> (Aellen) Paul G.Wilson & K.A.Sheph.	<i>Dysphania melanocarpa</i> f. <i>leucocarpa</i> (Aellen) Paul G.Wilson & K.A.Sheph.
<i>Dysphania pusilla</i> (Hook.f.) Paul G.Wilson & K.A.Sheph.	<i>Dysphania pusilla</i> (Hook.f.) Mosyakin & Clemants, <i>l.c.</i>
<i>Dysphania truncata</i> (Paul G.Wilson) Paul G.Wilson & K.A.Sheph.	<i>Dysphania truncata</i> (Paul G.Wilson) Mosyakin & Clemants, <i>l.c.</i>
<i>Dysphania saxatilis</i> (Paul G.Wilson) Paul G.Wilson & K.A.Sheph.	<i>Dysphania saxatilis</i> (Paul G.Wilson) Mosyakin & Clemants, <i>l.c.</i>

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**Kelly A. Shepherd and Paul G. Wilson**

Western Australian Herbarium, Department of Environment and Conservation,  
Locked Bag 104, Bentley Delivery Centre, Western Australia 6983