Nomenclatural corrections to Australian species of *Cricotopus* (Wulp) (Diptera; Chironomidae)

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Our attention has been drawn to *lapsi* and errors in a recent publication in this journal concerning *Cricotopus* Wulp (Diptera: Chironomidae) (Drayson *et al.*, 2015).

1. Type depository corrections

International Code of Zoological Nomenclature (ICZN 1999) mandates that each new species name published after 1999 must be accompanied in the original publication by the name and location of a collection in which types are deposited (Art. 16.4.2). In Drayson *et al.* (2015) the identity and location of the repository of the holotype was not stated for four species names which, therefore, did not become nomenclaturally available.

Here we make these names available by completing the requirements of ICZN (1999) Code Articles 13 and 16.

*Cricotopus acornis* Cranston & Krosch, sp.n.

urn:lsid:zoobank.org:act:A649FC76-F9BF-4971-A249-3960341F631A

*Cricotopus "acornis"* in Drayson *et al.* (2015). Unavailable name, no type depository indicated for the holotype (ICZN 1999: Art. 16.4.2).

The species is described and illustrated in all life stages in Drayson *et al.* (2015: 5; keyed 22, 35-36; figs. 1A, 2A, 4A, 8A, 10A). Holotype: Le/Pe/♂, AUSTRALIA: NSW, Jindabyne, Rush's Ck., 36°24'S 148°40'E, 12.xii.1987 (Cranston).

The type depository is Australian National Insect Collection, CSIRO, Canberra, Australia (ANIC henceforth). Paratypes: see Drayson *et al.* (2015: 5).

*Cricotopus howensis* Cranston & Krosch, sp.n.

urn:lsid:zoobank.org:act:1CEB6721-4243-4F9E-9900-070F320C70ED

*Cricotopus "howensis"" in Drayson *et al.* (2015). Unavailable name, no type depository indicated for the holotype (ICZN 1999: Art. 16.4.2).

**Cricotopus varicornis** Cranston & Krosch, sp.n.
urn:lsid:zoobank.org:act:539D6410-4C04-43A4-A9CB-4167C4857CD6

Cricotopus "varicornis" in Drayson et al. (2015). Unavailable name, no type depository indicated for the holotype (ICZN 1999: Art. 16.4.2).


**Cricotopus wangi** Cranston & Krosch, sp.n.
urn:lsid:zoobank.org:act:1ADE4C34-A423-40E0-BBF4-9485E43CFF3A

Cricotopus "wangi" in Drayson et al. (2015). Unavailable name, no type depository indicated (ICZN 1999: Art. 16.4.2).

The species is described and illustrated in all life stages in Drayson et al. (2015: 21-22; keyed 22, 35-36; figs. 1I, 3D,F, 5I, 7A,J, 9D, 12B). Holotype: Le/Pe/♂, AUSTRALIA: NT, Litchfield NP, Wangi Falls, 13°10’S 130°41’E, 6.viii.1990 (Cranston). The type depository is ANIC. Paratypes: see Drayson et al. (2015: 21).

2. Corrections to authorship

For two species names made available in Drayson et al. (2015), nomenclatural authorship was attributed solely to I. Hergstrom, who was not an author of the paper. Because the species descriptions from Hergstrom’s unpublished thesis were expanded by Drayson et al., Hergstrom was not "alone responsible ... for satisfying the criteria of availability other than publication" and thus she should not have been credited with authorship (ICZN 1999: Art. 50.1.1). However, the names are available nomenclaturally, taking authorship of the three authors of the original published paper, as follows:

*Cricotopus albitarsis* Drayson, Cranston & Krosch, 2015: 6;
*Cricotopus parbicinctus* Drayson, Cranston & Krosch, 2015: 16.

3. Lectotype designation.

Drayson et al. (2015) designated as lectotype a newly-made slide-mount from a pinned specimen of *Cricotopus annuliventris* (Skuse), noting “Pinned specimen bears red Lectotype label ‘Orthocladius annuliventris Skuse’ in black ink, but designation (by unknown person) appears to be unpublished” (Drayson et al. 2015: 8). Martin Spies (Munich, pers. comm. March 2015) pointed out that the ‘unknown person’ was P. Freeman, who had designated the same specimen as lectotype in 1961 (Freeman 1961: 646). The subsequent lectotype designation thus was unnecessary.

4. Related references

The authorship changes made above have been implemented in Cranston & Krosch (2015) and Krosch et al. (2015). In addition, Cranston & Krosch (2015) propose a new replacement for a species name that will be rendered invalid as a junior secondary homonym by generic synonymy between *Cricotopus* van der Wulp and *Paratrichocladius* Santos Abreu.

5. A similar case

Cranston & Edward (1992) established the available species name *Aphrotenia australiensis*, but their authorship credit to "Hergstrom" is invalid for the same reason as in the cases discussed in section 2 above. The species name should be cited as: *Aphrotenia australiensis* Cranston & Edward, 1992: 50.
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References


