Corrigendum: Genome Data Provides High Support for Generic Boundaries in *Burkholderia* Sensu Lato

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Keywords: Burkholderia, Paraburkholderia, Caballeronia, phylogenomics, Robbsia andropogonis, *Burkholderia rhizoxinica*

A corrigendum on

Genome Data Provides High Support for Generic Boundaries in *Burkholderia* Sensu Lato by Beukes, C. W., Palmer, M., Manyaka, P., Chan, W. Y., Avontuur, J. R., van Zyl, E., et al. (2017) Front. Microbiol. 8:1154. doi: 10.3389/fmicb.2017.01154

In the original article, there was a spelling mistake in a species name contained in Table 3 as published. As the information in this table is required for validation of the novel species combinations, this mistake has been corrected from “*Caballeronia ptereocthonis* comb. nov.” to “*Caballeronia ptereochthonis* comb. nov.” and “*Burkholderia ptereocthonis*” to “*Burkholderia ptereochthonis*”. The corrected Table 3 appears below.

Also, an additional section titled “Description of New Species Combinations” was added to the original article. The section contains a short protologue for each proposed novel combination to conform to the rules of the Bacterial Code of Nomenclature. The protologues appear below.

The authors apologize for this error. The original article has been updated.

**DESCRIPTION OF NEW SPECIES COMBINATIONS**

Description of *Caballeronia arvi* comb. nov.

*Caballeronia arvi* (ar’vi. L. gen. n. *arvi* of a field).

Basonym: *Burkholderia arvi* Peeters et al., 2016.

The description is as provided in Peeters et al. (2016). Analysis of 106 conserved protein-coding sequences have shown that this species is placed in the genus *Caballeronia* with very high support. The type strain is LMG 29317T (= CCUG 68412T = MAN34T).
**Description of Caballeronia arationis** comb. nov.

*Caballeronia arationis* (a.r.a.ti.o’nis. L. gen. n. arationis from a field).

Basonym: *Burkholderia arationis* Peeters et al., 2016.

The description is as provided in Peeters et al. (2016). Phylogenetic analysis of 106 conserved protein-coding loci showed that there is high support for the placement of this species in *Caballeronia*.

The type strain is LMG 29324$^T$ (=CCUG 68405$^T$).

**Description of Caballeronia calidae** comb. nov.

*Caballeronia calidae* (ca’li.da.e. L. gen. n. calidae from warm water, because this strain was isolated from pond water in a tropical garden).

Basonym: *Burkholderia calidae* Peeters et al., 2016.

The description is as provided in Peeters et al. (2016). Phylogenetic analysis of 106 conserved protein-coding loci showed (with a high degree of certainty) that this species belongs in the genus *Caballeronia*.

The type strain is LMG 29321$^T$ (=CCUG 68408$^T$).

**Description of Caballeronia catudaia** comb. nov.

*Caballeronia catudaia* (ca.tu.da’ia. Gr. adj. catudaiai subterraneous; N. L. fem. adj. catudaia, earth-born).

Basonym: *Burkholderia catudaia* Peeters et al., 2016.

The description is as provided in Peeters et al. (2016). Our analyses of 106 conserved protein-coding loci clearly indicate that this species has high support for being included in *Caballeronia*.

The type strain is LMG 29318$^T$ (=CCUG 68411$^T$).

**Description of Caballeronia concitans** comb. nov.

*Caballeronia concitans* (con.ci’tans. L. fem. part. pres. concitans disturbing, upsetting; because the isolation of this bacterium from human sources, including blood, further disturbs the image of this lineage of *Burkholderia* species as benign bacteria).

Basonym: *Burkholderia concitans* Peeters et al., 2016.

The description is as provided in Peeters et al. (2016). Analysis of 106 conserved protein-coding loci showed that this species has high support for belonging to the genus *Caballeronia*.

The type strain is LMG 29315$^T$ (=CCUG 68414$^T$ = AU12121$^T$).

**Description of Caballeronia fortuita** comb. nov.

*Caballeronia fortuita* (for.tu.i’ta. L. fem. adj. fortuita accidental, unpremeditated; referring to its fortuitous isolation when searching for *Burkholderia caledonica* endophytes).

Basonym: *Burkholderia fortuita* Peeters et al., 2016.

The description is as described in Peeters et al. (2016). Our analysis of 106 conserved protein-coding loci clearly show this species is included in the genus *Caballeronia*.

The type strain is LMG 29320$^T$ (=CCUG 68409$^T$).

**Description of Caballeronia glebae** comb. nov.

*Caballeronia glebae* (gle’ba.e. L. gen. n. glebae from a lump or clod of earth, soil).

Basonym: *Burkholderia glebae* Peeters et al., 2016.

The description appears in Peeters et al. (2016). Analysis of 106 conserved protein-coding loci shows high support for the placement of this species in the genus *Caballeronia*.

The type strain is LMG 29325$^T$ (=CCUG 68404$^T$).

**Description of Caballeronia hypogeia** comb. nov.

*Caballeronia hypogeia* (hy.po.ge’ia. Gr. adj. hypogeios subterraneous; N. L. fem. adj. hypogeia, subterraneous, earth-born).

Basonym: *Burkholderia hypogeia* Peeters et al., 2016.

The description appears in Peeters et al. (2016). Our analysis of 106 conserved protein-coding loci supports the inclusion of this species into the genus *Caballeronia*.

The type strain is LMG 29322$^T$ (=CCUG 68407$^T$).
Description of *Caballeronia pedi* comb. nov.
*Caballeronia pedi* (pe’di. Gr. n. pedon soil, earth; N. L. gen. n. pedi, from soil).
Basonym: *Burkholderia pedi* Peeters et al. 2016.
The description is listed in Peeters et al. (2016). The analysis of 106 conserved protein-coding loci, showed that this species is placed in *Caballeronia*.
The type strain is LMG 29323<sup>T</sup> (=CCUG 68406<sup>T</sup>).

Description of *Caballeronia peredens* comb. nov.
*Caballeronia peredens* (per.e’dens. L. fem. part. pres. peredens consuming, devouring; referring to the capacity of this bacterium to degrade fenitrothion).
Basonym: *Burkholderia peredens* Peeters et al., 2016.
The description is as discussed in Peeters et al. (2016). Our analysis of 106 conserved protein-coding loci clearly shows that this species should be included in the genus *Caballeronia*.
The type strain is LMG 29314<sup>T</sup> (=CCUG 68415<sup>T</sup> = NF100<sup>T</sup>).

Description of *Caballeronia ptereochthonis* comb. nov.
*Caballeronia ptereochthonis* (pte.re.o.chtho’nis Gr. n. pteris fern; Gr. n. chthon soil; N. L. gen. n. ptereochthonis, from fern soil).
Basonym: *Burkholderia ptereochthonis* Peeters et al., 2016.
The description appears in Peeters et al. (2016). The analysis of 106 conserved protein-coding loci clearly shows that this species should be included in *Caballeronia*.
The type strain is LMG 29326<sup>T</sup> (=CCUG 68403<sup>T</sup>).

Description of *Caballeronia temeraria* comb. nov.
*Caballeronia temeraria* (te.me.ra’ri.a. L. fem. adj. temeraria accidental, inconsiderate; referring to its accidental isolation when searching for *Burkholderia caledonica* endophytes).
Basonym: *Burkholderia temeraria* Peeters et al., 2016.
The description of this species appears in Peeters et al. (2016). The analysis of 106 conserved protein-coding loci here, shows that this species is included in *Caballeronia* with high support.
The type strain is LMG 29319<sup>T</sup> (=CCUG 68410<sup>T</sup>).

Description of *Caballeronia turbans* comb. nov.
*Caballeronia turbans* (tur’bans. L. fem. part. pres. turbans disturbing, agitating, because the isolation of this bacterium from human pleural fluid further disturbs the image of this lineage of *Burkholderia* species as benign bacteria).
Basonym: *Burkholderia turbans* Peeters et al., 2016.
The original species description appears in Peeters et al. (2016). Our analysis of 106 conserved protein-coding loci shows that this species forms part of *Caballeronia*.
The type strain is LMG 29316<sup>T</sup> (=CCUG 68413<sup>T</sup> = HI4065<sup>T</sup>).