Frederickia nom. n., a new replacement name for the moth genus Rindgea Ferguson, 2008 (Lepidoptera: Geometridae)

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SHORT COMMUNICATION

Frederickia nom. n., a new replacement name for the moth genus *Rindgea* Ferguson, 2008 (Lepidoptera: Geometridae)

Hossein Rajaei[1], Axel Hausmann[2] & Pasi Sihvonen[3]

Abstract

A new replacement name, *Frederickia* **nom. n.**, is proposed for the preoccupied genus name *Rindgea* Ferguson, 2008 (Lepidoptera: Geometridae), and the 14 species previously in that genus are combined with the new name, as follows: *Frederickia s-signata* (Packard, 1873), **comb. n.**; *Frederickia hypaethrata* (Grote, 1881), **comb. n.**; *Frederickia cyda* (Druce, 1893), **comb. n.**; *Frederickia maricopa* (Hulst, 1898), **comb. n.**; *Frederickia nigricomma* (Warren, 1904), **comb. n.**; *Frederickia parcata* (Grossbeck, 1908), **comb. n.**; *Frederickia subterminata* (Barnes & McDunnough, 1913), **comb. n.**; *Frederickia stipularia* (Barnes & McDunnough, 1913), **comb. n.**; *Frederickia flaviterminata* (Barnes & McDunnough, 1913), **comb. n.**; *Frederickia ballandrata* (Wright, 1923), **comb. n.**; *Frederickia indeterminata* (McDunnough, 1939), **comb. n.**; *Frederickia piccoloi* (Rindge, 1976), **comb. n.**; *Frederickia disparcata* (Ferguson, 2008), **comb. n.**; and *Frederickia prolificata* (Ferguson, 2008), **comb. n.**

Keywords: Ennominae, *Eubolia cyda*, Macariini, moth, nomenclature.

Zusammenfassung

Ein Ersatzname, *Frederickia* **nom. n.**, wird für den bereits besetzten Gattungsnamen *Rindgea* Ferguson, 2008 (Lepidoptera: Geometridae) vorgeschlagen. Ebenso werden die 14 bisher in dieser Gattung enthaltenen Arten wie folgt mit dem neuen Namen kombiniert: *Frederickia s-signata* (Packard, 1873), **comb. n.**; *Frederickia hypaethrata* (Grote, 1881), **comb. n.**; *Frederickia cyda* (Druce, 1893), **comb. n.**; *Frederickia maricopa* (Hulst, 1898), **comb. n.**; *Frederickia nigricomma* (Warren, 1904), **comb. n.**; *Frederickia parcata* (Grossbeck, 1908), **comb. n.**; *Frederickia subterminata* (Barnes & McDunnough, 1913), **comb. n.**; *Frederickia stipularia* (Barnes & McDunnough, 1913), **comb. n.**; *Frederickia flaviterminata* (Barnes & McDunnough, 1913), **comb. n.**; *Frederickia ballandrata* (Wright, 1923), **comb. n.**; *Frederickia indeterminata* (McDunnough, 1939), **comb. n.**; *Frederickia piccoloi* (Rindge, 1976), **comb. n.**; *Frederickia disparcata* (Ferguson, 2008), **comb. n.**; und *Frederickia prolificata* (Ferguson, 2008), **comb. n.**

Ferguson (2008: 322), in his revision of the North American Geometridae moth fauna, described a new genus, *Rindgea* Ferguson, 2008, and fixed as its type species *Eubolia cyda* Druce, 1893 (Fig. 1), by original designation. He included 14 species in the new genus and classified it in the subfamily Ennominae and tribe Macariini. The species of this genus feed on desert Fabaceae and occur mainly in the south-western USA and Mexico (Ferguson 2008). The genus was named to honour American lepidopterist Frederick H. Rindge (1921–1996).

During the preparation of the "Online taxonomic facility of geometrid moths" (see Rajaei et al. 2022), it was noted that *Rindgea* Ferguson, 2008 is a junior homonym of *Rindgea* Johnson, 1993, a New World genus in the butterfly family Lycaenidae. *Rindgea* Johnson, 1993 is currently considered as a junior synonym of *Nicolaea* Johnson, 1993 (Lamas 2004).

As requested by the International Code of Zoological Nomenclature (ICZN 1999, Article 60), we propose *Frederickia* **nom. n.** as a new replacement name for *Rindgea* Ferguson, 2008, respecting the original intent behind the naming of this genus by Ferguson (2008).

In consequence of the new replacement name for *Rindgea*, the following new combinations are established (original genus given in parentheses):

Frederickia s-signata (Packard, 1873) (*Macaria*), **comb. n.**
Frederickia hypaethrata (Grote, 1881) (*Phasiane*), **comb. n.**
Frederickia cyda (Druce, 1893) (*Eubolia*), **comb. n.**
Frederickia maricopa (Hulst, 1898) (*Diastictis*), **comb. n.**
Frederickia nigricomma (Warren, 1904) (*Semiothisa*), **comb. n.**
Frederickia parcata (Grossbeck, 1908) (*Sciagraphia*), **comb. n.**
Frederickia subterminata (Barnes & McDunnough, 1913) (*Macaria*), **comb. n.**
Frederickia stipularia (Barnes & McDunnough, 1913) (*Macaria*), **comb. n.**
Frederickia flaviterminata (Barnes & McDunnough, 1913) (*Macaria*), **comb. n.**
Frederickia ballandrata (Wright, 1923) (*Phasiane*), **comb. n.**
Frederickia indeterminata (McDunnough, 1939) (*Semiothisa*), **comb. n.**
Frederickia piccoloi (Rindge, 1976) (*Semiothisa*), **comb. n.**
Frederickia disparcata (Ferguson, 2008) (*Rindgea*), **comb. n.**
Frederickia prolificata (Ferguson, 2008) (*Rindgea*), **comb. n.**

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Fig. 1. *Frederickia cyda* (Druce, 1893), which Ferguson (2008) designated as the type species of the genus *Rindgea* Ferguson, 2008. (Photo by Andy Reago and Chrissy McClarren, taken in USA, Texas, Estero Llano Grande State Park on 1 March 2015; photo licensed under Creative Commons Attribution 2.0 Generic license and available from Wikipedia at https://en.wikipedia.org/wiki/Rindgea_cyda)

These new combinations will be applied in the "Online taxonomic facility of geometrid moths" (see Rajaei et al. 2022).

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