

Genetic self-compatibility in a south american species of ourisia (scrophulariaceae)

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Controlled hand self- and cross-pollination and emasculations were performed on *Ourisia poeppigii* Benth. (Scrophulariaceae) from the Chilean Patagonia. *Ourisia poeppigii* is highly self-compatible and strongly autogamous. No evidence of obligate agamospermy was seen. This first breeding system record for a South American species of the genus *Ourisia* accords with a report of self-compatibility provided by Schlessman (1986) for *Ourisia macrocarpa* Hook. f. ssp. *calycina* (Col.) Arroyo from New Zealand. However, *O. poeppigii* is potentially more strongly autogamous than the New Zealand species. © 1990 Taylor & Francis Group, LLC.