

## Family 168. BALSAMINACEAE

### Literature:

Grey-Wilson, Ch. 1980. *Kew Bull.* 34: 661-668; idem 44 (1989) 67-106.

Shimizu, T. 1970. *South East Asian Studies* 8: 187-217.

### 1. *Impatiens* Linnaeus

***Impatiens ahernii*** Hook.f., *Kew Bull.* (1909) 284, 287; --Merr., EPFP 2 (1923) 518. --Type: FB 3367  
Ahern's collector (NY\*, US\*, iso). Luzon: Rizal prov., Bosoboso, Sept 1905.

LUZON: Rizal. In shaded places on or about limestone cliffs at low and medium altitudes.

***Impatiens barnesii*** Hook.f., *Kew Bull.* (1909) 284, 287; --Merr., EPFP 2 (1923) 519. --Type: FB 954  
Barnes (NY\*, US\*, syntype). Luzon: Benguet prov., May-Jun 1904.

LUZON: Benguet. On or about limestone boulders on open slopes, 1200-1500m.

***Impatiens klemmeana*** Hook.f., *Kew Bull.* (1909) 284, 288; --Merr., EPFP 2 (1923) 520. --Type:  
Merrill 4301 (NY\*, syntype). Luzon: Benguet prov., Bued River, Oct-Nov 1905.

LUZON: Mountain Province, Benguet (Bued River). Open banks and cliffs, 750-1500m.

***Impatiens loheri*** Hook.f., *Kew Bull.* (1909) 285, 288; --Merr., EPFP 2 (1923) 520. --Type: Merrill  
4547 (NY\*, syntype). Luzon: District of Lepanto (possibly western part of present-day Mountain  
Province), Nov 1905.

LUZON: Mountain Province, Ifugao, Nueva Vizcaya. Ravines in mossy forest, 1800-  
2200m.

***Impatiens manillensis*** Walp., *Nov. Act. Acad. Nat. Cur.* 19 (1843) Suppl. 1: 317; --Merr., EPFP 2  
(1923) 520.

?*Impatiens biganensis* Hook.f., *Kew Bull.* (1909) 283, 286; --Merr., EPFP 2 (1923) 519.

?*Impatiens cleistogama* Hook.f., *Kew Bull.* (1909) 285, 288; --Merr., EPFP 2 (1923) 519.

?*Impatiens cryptogama* Hook.f., *Kew Bull.* (1909) 285, 288; --Merr., EPFP 2 (1923) 519.

*Impatiens curranii* Hook.f., *Kew Bull.* (1909) 285, 288; --Merr., EPFP 2 (1923) 519.

*Impatiens caviteana* Hook.f., *Kew Bull.* (1909) 283, 286; --Merr., EPFP 2 (1923) 519. --Type: Merrill 4179  
(US\*, iso). Luzon: Cavite prov., Maragondon, Jul 1905.

LUZON: Rizal, Cavite. Cliffs and shady stream embankments, 100-340m.

***Impatiens platypetala*** Lindl., *Bot. Reg.* (1846) t. 68.

*Impatiens hutchinsonii* Hook.f., *Kew Bull.* (1909) 283, 286; --Merr., EPFP 2 (1923) 520.

*Impatiens montalbana* Hook.f., *Kew Bull.* (1909) 285, 287; --Merr., EPFP 2 (1923) 520 (as 'montalbanica').  
--Syntypes: Loher 1652 (US\*) Luzon: Rizal prov., "Monte de la cueva de Montalban", 26 Oct 1890;  
--Merrill 6235 (NY\*). Luzon: Rizal prov., Montalban, Nov 1908.

*Impatiens pubisepala* Hook.f., *Kew Bull.* (1909) 284, 287; --Merr., EPFP 2 (1923) 520.

*Impatiens quercetorum* Hook.f., *Kew Bull.* (1909) 284, 286; --Merr., EPFP 2 (1923) 520.

*Impatiens elmeri* Hook.f., *Kew Bull.* (1909) 284, 286; --Merr., EPFP 2 (1923) 519. --Type: BS 31916 JK  
Santos (NY\*, iso). Luzon: Benguet prov., Pauai, Apr-Jun 1919.

*Impatiens mearnsii* Hook.f., *Kew Bull.* (1909) 284, 289; --Merr., EPFP 2 (1923) 520. --Type: BS 3416

*Impatiens burkei* Hook.f., *Kew Bull.* (1909) 283, 286; --Merr., EPFP 2 (1923) 519. --Type:

*Impatiens clemensae* Hook.f., *Kew Bull.* (1909) 283, 286; --Merr., EPFP 2 (1923) 519.

*Impatiens merrillii* Hook.f., *Kew Bull.* (1909) 283, 286; --Merr., EPFP 2 (1923) 520.

Sumatra, Java, Borneo, Philippines, Sulawesi, Moluccas.

LUZON: Benguet, Rizal, MINDORO: Mindoro Oriental (Mt Halcon), PANAY,  
MINDANAO: Misamis Occidental (Mt Malindang), Lanao, Bukidnon, Davao (Mt Apo),  
Agusan. Damp forests and shaded streams, on limestone cliffs, altitude 300-2400m.

***Impatiens polyactina*** Hook.f., *Kew Bull.* (1909) 283, 286; --Merr., EPFP 2 (1923) 520. --Type: RS  
Williams 2012 (iso: NY\*, 2 sheets; US\*). Luzon: Benguet prov., Kias Hill (=present-day Baguio),

Mearns (US\*, iso). Luz

Benguet Road, 28 Dec 1904.

LUZON: Benguet. Open slopes, c. 1200m.

**Impatiens ramosii** Hook.f., Kew Bull. (1909) 285, 287; --Merr., EPFP 2 (1923) 520. --Type: BS  
4573 Ramos (US\*, syntype). Luzon: Rizal prov., Bosoboso, Aug 1907.

LUZON: Rizal. Along streams at medium altitudes.

**Impatiens rizaliana** Hook.f., Kew Bull. (1909) 284, 287; --Merr., EPFP 2 (1923) 520. --Type: Merrill  
6234 (US\*, iso). Luzon: Rizal prov., Montalban, Nov 1908.

LUZON: Rizal. On and about limestone cliffs in shaded places, c. 150m.

Cultivated taxa:

**Impatiens balsamina** L., Sp. Pl. (1753) 938; --Merr., Fl. Manila (1912) 307; EPFP 2 (1923) 518.  
Native of India, now cultivated in all warm countries. Fairly common in cultivation in different forms, sometimes occurring as an escape in waste places.

Doubtful or insufficiently known species:

**Impatiens filicaulis** Hook.f., Kew Bull. (1909) 285, 288; --Merr., EPFP 2 (1923) 519.

LUZON: Rizal (Montalban). Cited but not seen by Merrill.

**Impatiens vidalii** Hook.f., Kew Bull. (1909) 284, 287; --Merr., EPFP 2 (1923) 520.

PANAY: Iloilo (Miag-ao). Cited but not seen by Merrill.

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