Additions to the pteridophyte flora of Thailand

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ABSTRACT. Recent fieldwork and a review of specimens previously collected from Thailand deposited at BCU, BKF and K has resulted in the discovery of 19 pteridophyte species previously unrecorded for Thailand.

INTRODUCTION

The pteridophytes were completed for the Flora of Thailand in four parts (Tagawa & Iwatsuki, 1979, 1985, 1988, 1989). 630 species were recognised as occurring in Thailand. Subsequently a number of papers have been published in which new taxa have been described or new records have been added to the pteridophyte diversity of Thailand (Mitsuta, 1985; Parris, 1998; Hovenkamp et al., 1998; Boonkerd & Nooteboom, 2001; Rachata & Boonkerd, 2001; Boonkerd & Pollawatn 2002a, 2002b; Lindsay & Middleton, 2004; Lindsay et al., 2004; Sukathan, 2004). Boonkerd & Pollawatn (2000) compiled a list with distribution maps and many photos of all the pteridophytes of Thailand in which an additional 27 species were included. This rate of addition of new taxa and new records to a recently completed flora account reflects the fact that pteridophytes are often neglected on traditional collecting trips and we urge all collectors in Thailand (and indeed elsewhere) to pay more attention to them.

The senior author of this paper has worked on Thai pteridophytes for many years. The other authors have been engaged in a collecting programme in southern Thailand where some of the specimens for these new records have been collected.

The following list includes only taxa not previously recorded as occurring in Thailand. For each we have listed the place of publication, the basionym where necessary, type details, and any collections of this taxon from Thailand. Most previous additions of new taxa for families already completed for the Flora of Thailand include descriptions. We have not done this because there are so many new taxa and because many of the other citations of new pteridophyte records for Thailand also lack descriptions thereby already breaking the completion of coverage. With so many taxa to be added to the Flora of Thailand what is needed is a comprehensive revision of the pteridophyte volumes, possibly in an interactive key and plant information format that will allow for frequent electronic updates.

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NEW PTERIDOPHYTE RECORDS FOR THAILAND

Type details are given below but we have not made any attempt to lectotypify taxa.

**ADIANTALES**


Thailand.— PENINSULAR: Narathiwat [Amphoe Su Ngai Kolok, Niyomdham et al. 944 (BKF, K)].


Thailand.— PENINSULAR: Yala [Amphoe Bannang Sata, *T. Boonkerd* & *R. Pollawatn* 216 (BCU)].

*Taenitis interrupta* Hook. & Grev., Icon. Filic. t. 63. 1828. Type: Singapore, *Wallich* 142 (K-W!).

Thailand.— PENINSULAR: Surat Thani [Ko Tao, *Kerr* 16043 (K)].

**ASPLENIALES**


Thailand.— PENINSULAR: Pattani [Ban Sai Khao, *Eryl Smith* 1961 (K)].

**ATHYRIALES**


**CYATHEALES**


Thailand.— PENINSULAR: Narathiwat [Amphoe Waeng, Sirindhorn Falls, *T. Boonkerd* & *R. Pollawatn* 263 (BCU)].
DAVALLIACEAE

Davallia embolostegia Copel., Philipp. J. Sci. 1(Suppl. 2): 147, t. 3. 1906. Type: Philippines, Luzon, Lepanto, Bagnen, Copeland 1914 (MICH!).

Thailand.— EASTERI: Nakhon Ratchasima [Amphoe Pak Chong, Khao Yai National Park, T. Boonkerd & R. Pollawatn 349 (BCU)].

DRYOPTERIDACEAE


Thailand.— SOUTH-WESTERN: Kanchanaburi [Amphoe Thong Pha Phum, Thong Pha Phum National Park, A. Sathapattayanon 32 (BCU)].

Dryopteris diffracta (Baker) C. Chr., Index Filic. 262. 1905.— Nephrodium diffractum Baker, Kew Bull. 1898: 230. 1898. Type: China, Yunnan, Mengtze, Henry 9028 (K!).

Thailand.— NORTHERN: Phitsanulok [Phu Hin Rong Kla National Park, T. Boonkerd & R. Pollawatn 62 (BCU)].


Thailand.— PENINSULAR: Kanchanaburi [Amphoe Thong Pha Phum, Thong Pha Phum National Park, A. Sathapattayanon 143 (BCU)].

GLEICHENIACEAE

Gleichenia hirta Blume, Enum. Pl. Javae 250. 1828. Type: Moluccas, Island of Tidore, Reinwardt s.n. (L!).

Thailand.— PENINSULAR: Trang [Amphoe Yan Ta Khao, Khao Banthat Mountains, summit area of Phu Pha Mek, Middleton et al. 2028 (A, BKF)].
LINDSAEACEAE

Lindsaea dissectiformis Ching, Sinensia 1(4): 52. 1930. Type: China, Hainan, Hung Mo Shan, F.A. McClure 18312 (A!).

Thailand.— PENINSULAR: Trang [Amphoe Yan Ta Khao, Khao Banthat Mountains, trail to summit of Phu Pha Mek, Middleton et al. 1970 (A, BKF)].

MARATTIACEAE


Thailand.— PENINSULAR: Narathiwat [Amphoe Waeng, Sirindhorn Falls, T. Boonkerd & R. Pollawatn 235 (BCU)].

OSMUNDACEAE


Thailand.— PENINSULAR: Narathiwat [Amphoe Waeng, Sirindhorn Falls, T. Boonkerd & R. Pollawatn 251 (BCU)].

POLYPODIACEAE


Belvisia spicata (L. f.) Mirbel ex Copel., Gen. Fil. 192. 1947.— Acrostichum spicatum L. f., Suppl. Pl. 444. 1781. Type: Mauritius, Commerson s.n. (P!).

Thailand.— SOUTH-WESTERN: Kanchanaburi [Amphoe Thong Pha Phum, Thong Pha Phum National Park, A. Sathapattayanon 67 (BCU)].


Thailand.— NORTHERN: Phitsanulok [Phu Hin Rong Kla National Park, T. Boonkerd 1732 (BCU)].


**Selliguea stenophylla** (Blume) B.S.Parris in Parris, Beaman & Beaman (eds), The Plants of Mt Kinabalu I. Ferns & Fern Allies 151. 1991.—*Polypodium stenophyllum* Blume, Enum. Pl. Javae 124. 1828. Type: Indonesia, Java, *Blume* s.n. (L!).


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**REFERENCES**


