



Thai Botany and the European Connection: Building on 100 Years of Collaboration

Information and Programme

Welcome !

A very warm welcome to the Royal Botanic Gardens Kew and to the 16th Flora of Thailand Conference 2014.

We are very pleased that HRH Princess Maha Chakri Sirindhorn has graciously agreed to open the Conference on 8 September.

INFORMATION

Registration

Registration takes place on Sunday 7 September between 12.00–18.00 in the Herbarium, Library, Art & Archives building and Monday 8 September in the Jodrell Laboratory. Please follow the signs when you enter the building. Refreshments will be provided at the Sunday registration.

Conference sessions

These will take place in the Jodrell Lecture Theatre, Jodrell Laboratory.

Tea and Coffee

Will be served each day during session breaks in the Wolfson Atrium, Jodrell Laboratory, next to the Lecture Theatre.

Lunch

Lunch is **not** provided. Within Kew, there are the Orangery and White Peaks restaurants which serve a range of hot and cold food. There are also pubs and restaurants around Kew Green.

Conference Reception

This will be held on Monday 8 September in the Princess of Wales Conservatory from 18.00 and is open to all delegates. **HRH Princess Maha Chakri Sirindhorn will be attending the Reception.** Please ensure you are at the Reception in time for the arrival of Her Royal Highness at 18.15.

Field trip to Wakehurst Place and Ashdown Forest.

This takes place on Wednesday 10 September for those delegates who have pre-booked. Please meet at the Herbarium Gate and bring your ticket which will be in your registration pack. The coach will leave promptly at 08.45. A packed lunch will be included, please wear sturdy shoes and bring warm/waterproof clothing as we will be walking outdoors most of the day.

Conference Dinner

This takes place on Thursday 11 September at 18.30 in the Orangery Restaurant, for those delegates who have pre-booked.

Banking

There is a Barclays Bank with an ATM facility in Kew village. Currency exchange facilities are available at the bank or at banks in Richmond.

Gardens

You are welcome to visit the Gardens at any time during the Conference but please make sure your Conference badge is visible.

Weather

Be prepared for reasonably warm days (usually between 16 – 22C and cool nights (7 – 14C). It can rain at any time so please bring an umbrella and/or a waterproof jacket.

Certificates of Attendance

Please let us know at Registration if you need a Certificate of Attendance. These will be available on the last day of the Conference.

WiFi

WiFi will be available in the Jodrell Lecture Theatre and in the Herbarium. Details will be given at Registration.

Emergency within Kew

In the event of an emergency in Kew, please contact the Kew Constabulary as follows:

Dial 333 from a Kew phone, or 020 8332 5121 from an outside line.

Emergency outside Kew

In the event of an emergency outside of Kew please call the emergency services (police, fire, ambulance) dial 999.

Kew Herbarium

If you wish to use the Herbarium and have not already told us please let us know at registration.

Transport

Underground trains (District Line) run from Kew Gardens station to central London.

Bus no. 65 runs to Richmond and Ealing Broadway. Bus no. 391 runs from Richmond to Hammersmith and to Fulham. There are bus stops near the Jodrell Gate. Buses **do not take cash payments** so you will need to buy a travel card. For information about buying travel cards please see <http://visitorshop.tfl.gov.uk/help-centre/ticket-comparison.html>

Delegates staying at St Mary's University will be given a Visitor's 'Oyster Card' (travel card) in their registration pack. This will have £10 included on the card (covers 6 bus journeys) and can be topped up once the £10 has run out. This can be done at any railway/underground station or shop which sells/tops up Oyster Cards.

Taxi: Kew Cars 020 8568 6666 (<http://www.kewcars.co.uk/>). You should always try to book a taxi in advance. Black 'London' taxis can be hailed by the roadside but are generally more expensive than pre-booked taxis such as Kew Cars.

General information about travelling around London can be found at <http://www.tfl.gov.uk/>

Oral Presentations

Please ensure that you have loaded your presentation onto the computer in the lecture theatre before the start of your Session. The Session Chair or any member of the Organising Committee will be available to help you. Session Chairs are asked to ensure the speakers keep to the allocated length of time for their talks: 30 minutes for invited presentations, 20 minutes for contributed presentations.

Posters

These will be presented in the Jodrell Upper Atrium. The boards use pins or velcro to attach posters and we will provide pins; if you wish to use velcro backing please supply it yourself. Posters can be set up any time from 08.30 am on Monday 8 September and should be taken down by the close of the Conference.

Organising Committee

The Organising Committee members are:

Pranom Chantaranothai, Kongkanda Chayamarit, Ruth Clark, Sue Clark, Elizabeth Howard, Alan Paton, Rachun Pooma, David Simpson, Kitichate Sridith, Anna Trias Blasi, Tim Utteridge, James Wearn and Paul Wilkin.

The Committee will be wearing **yellow** badges so please talk to them if you need any advice or information.

PROGRAMME

Sunday, 7 September 2014, Herbarium

12.00 – 18.00 Registration (including refreshments)

Monday, 8 September 2014, Jodrell Lecture Theatre

08.30 Registration

09.30 Opening ceremony with welcome by Richard Deverell, Director of Kew and official opening by HRH Princess Maha Chakri Sirindhorn

Europe and the Flora of Thailand – past present and future. Chair: David Simpson

09.50 Keynote presentation. John Parnell: A. F. G. Kerr and friends

10.45 Tea/Coffee

Europe and the Flora of Thailand – past present and future. Chair: David Simpson

11.15 Lorna Cahill: The archive of A. F. G. Kerr – founding father of Thai Botany

11.45 Hans-Joachim Esser: Carl Curt Hosseus and his pioneering work on the Thai flora

12.15 Henrik Balslev: Kai Larsen (1926–2012) and his contribution to the Flora of Thailand

12.45 Lunch

Europe and the Flora of Thailand – past present and future. Chair: Rachun Pooma

14.00 Paul Wilkin: eMonocot

14.20 David Simpson: World Flora Online and the Flora of Thailand

14.40 Tea/Coffee

General presentations – Lamiales. Chair: Somran Suddee

15.10 Bhanubong Boncheewin: The revision of *Gomphostemma* Wall. ex Benth. (Lamiaceae)

15.30 Kanjana Pramali: Leaf micromorphology of some *Pogostemon* Desf. in Thailand

15.50 Kanokorn Rueangsawang: An updated account of *Justicia* L. (Acanthaceae) from Thailand

16.10 Phanom Sutthisaksopon: The genus *Lindernia* s.l. (Linderniaceae) in Thailand

16.30 Carmen Puglisi: A phylogenetic study of the Loxocarpaceae (Gesneriaceae)

16.50 David Middleton: Progress towards an account of the Gesneriaceae for the Flora of Thailand

17.10 Presentation by Director General, Department of National Parks, Wildlife and Plant Conservation

17.45 Walk over to the Reception in the Princess of Wales Conservatory from 18.00, attended by HRH Princess Maha Chakri Sirindhorn and hosted by the Royal Thai Embassy

Tuesday, 9 September 2014, Jodrell Lecture Theatre

General presentations – Legumes. Chair: Henrik Balslev

- 09.00 Ashley Egan: *Pueraria*: The problem of Polyphyly
- 09.20 Sawai Mattapha: The systematics of genus *Millettia* s.l. (Leguminosae-Papilionoideae) in Thailand
- 09.40 Sakuntala Ninkaew: Overview of the genus *Crotalaria* L. (Leguminosae-Papilionoideae) in mainland of South-East Asia
- 10.00 Yotsawate Sirichamorn: Species diversity of calciphilous *Derris* (Fabaceae) in Thailand
- 10.20 Henrik Balslev: Fabaceae subfamily Faboideae treatment for the Flora of Thailand - progress and plans
- 10.40 Tea/Coffee

General presentations – Monocots I, Poaceae. Chair: Kitichate Sridith

- 11.10 Boonchuang Boonsuk: An overview of the genus *Digitaria* (Poaceae) for the Flora of Thailand
- 11.30 Watchara Art-han: Status of *Hackelochloa* (Poaceae) O.Kuntze based on Anatomical and Phenetic Analyses
- 11.50 Pirada Sumanon: Leaf epidermis of Thai Oryzeae (Poaceae): a phenetic approach to relationships within the tribe
- 12.10 Lalita Kethirun: Anatomical study of leaf characters in the genus *Eremochloa* Buse (Poaceae)
- 12.30 Lunch

General presentations – Monocots II. Chair: Henrik Pedersen

- 13.30 Thaweesak Thitimetharoch: On progress of Thai Commelinaceae
- 13.50 Phetlasy Souladeth: A Revision of *Eriocaulon* L. in Cambodia, Laos and Vietnam Eric
- 14.10 Stephan Gale: Mistaken identities, mismatched shoots and cryptic taxa: resolving species boundaries in the genus *Nervilia* (Orchidaceae) in tropical Asia
- 14.30 Henrik Pedersen: Do orchid collections in botanical gardens contribute to conservation? Experiences from the “Seidenfaden collection” in Copenhagen
- 14.50 Brian (Jing Wei) Yap: The phylogeography of *Paphiopedilum* section Barbata
- 15.10 Minoru Tamura: Further notes on Liliaceae s.l. in Thailand
- 15.30 Tea/Coffee (20 minutes)

General presentations – Monocots III. Chair: Paul Wilkin

- 15.50 Erik Danell: A network of Orchid Arks for in situ conservation
- 16.10 Peerakitt Srikrainoon: History of Taxonomic Studies of Bananas in Thailand

- 16.30 Wande Inta: Phenetic analysis of floral morphological characters within Musaceae in Thailand
- 16.50 Sven Buerki: Towards a taxonomic revision of the Pandanaceae for Thailand
- 17.10 Ratchuporn Suksathan: Chemical Composition, antibacterial property and molecular identification of *Hedychium* J. König
- 17.30 Tidarat Puangpairote: Karyological investigation of some phytoestrogen-producing *Curcuma* in Thailand
- 17.50–19.00 Poster Session
- 15.30–17.30 *Editorial Board Meeting*

Wednesday, 10 September 2014

- 08.45–19.00 Field Trip to Wakehurst Place and Ashdown Forest

Thursday, 11 September 2014, Jodrell Lecture Theatre

Floristics of Thailand and surrounding regions. Chair: Pranom Chantaranothai

- 09.00 Kongkanda Chayamarit: Progress on the Flora of Thailand
- 09.30 Peter van Welzen: Testing species distribution models
- 10.00 Tetsuo Koyama & Kazumi Fujikawa: Brief historical record of Makino Botanical Garden's Myanmar Plant Inventory and a summary of the vegetation types of Natma Taung
- 10.45 Tea/Coffee

Floristics of Thailand and surrounding regions. Chair: Tim Utteridge

- 11.15 Mark Newman: The Flore du Cambodge, du Laos et du Vietnam
- 11.45 Hong De Yuan: Flora of the Pan-Himalaya project
- 12.05 Anders Barfod: Flora of Thailand treatment completed, and then what?
- 12.25 Lunch

General presentations. Chair: Peter van Welzen

- 13.25 Pramote Triboun: A new germplasm and seed bank for wild plant species in Thailand
- 13.45 Piyakaset Suksathan: Limestone plants conservation at QSBG
- 14.05 Paul Grote: Flora of Suranaree University of Technology campus: coming of age
- 14.25 Kitichate Sridith: The vegetation and local flora of the "Songkhla Lake" Basin, Peninsular Thailand: a fresh water lagoon beyond the northern limit of the Malesian Region on the mainland South-East
- 14.45 Peter Wilkie: An investigation of biogeographic limits in Sapotaceae with particular reference to the Isthmus of Kra

15.05 Peter van Welzen: Revision of the Staphyleaceae in Thailand

15.25 Tea/Coffee (20 minutes)

General presentations. Chair: Hajo Esser

15.45 Stuart Lindsay: The Adiantaceae of Peninsular Malaysia and Thailand

16.05 Jiroat Sangrattanapraser: A preliminary study of the genus *Colura* (Lejeuneaceae, Marchantiophyta) in Thailand

16.25 Phiangphak Sukkharak: Systematics of the liverwort genus *Mastigolejeunea* and its occurrence in Thailand

16.45 Janejaree Inuthai: The genus *Drepanolejeunea* (Spruce) Schiffn. (Lejeuneaceae, Marchantiophyta) in Thailand and Peninsular Malaysia

17.05 Photsathon Nophan: Morphometric analysis of *Argyreia* Lour. in Thailand

17.25 Yanisa Olanont: First structural and histochemical analysis of the black dots on leaves and flowers of *Stictocardia* spp. (Convolvulaceae)

17.45 Wirata Rujichaipimon: Comparative leaf anatomy of some *Durio* spp. (Malvaceae)

18.05 Finish

18.30 Conference dinner

Friday, 12 September 2014, Jodrell Lecture Theatre

Conservation and the Thai and Indochinese Floras. Chair: David Middleton

09.00 Steve Bachman: Rapid Red List Ratings – harnessing new technology to generate conservation assessments

09.30 Voradol Chamchumroon: Red-listing for the Flora of Thailand - progress in the Conservation Assessment of Threatened Plants project

10.00 André Schuiteman: Orchid conservation in Indochina

10.30 Tea/Coffee

Conservation and the Thai and Indochinese Floras. Chair: Kongkanda Chayamarit

11.30 Pat Wolseley: Using lichens to monitor changes in biodiversity in Thailand

12.00 Daraporn Chairat: Systematic conservation planning in Thailand

12.30 Lunch

General presentations. Chair: John Parnell

13.30 Tanawat Chaowasku: Resolving cryptic species complex in Annonaceae: the case of *Trivalvaria* (Malmeoideae: Miliuseae)

13.50 Chhavarath Dary: Systematic studies of genus *Stephania* (Menispermaceae) in Cambodia

- 14.10 Chortip Kantachot: Pollen diversity of tribes Persicarieae and Polygoneae in Thailand
- 14.30 Pimwadee Pornpongrungrueng: Pollen morphology in relation to the taxonomy of Combretaceae from Thailand
- 14.50 Maxim Nuraliev: Towards a stable taxonomy of Asian *Schefflera* species (Araliaceae) with highly polymerous flowers: floral morphology, development and molecular phylogeny
- 15.10 Melanie Wilmot-Dear: Urticaceae in Thailand: a taxonomic, floristic and phytogeographical update
- 15.30 Tea/Coffee (20 minutes)

General presentations. Chair: Mark Newman

- 15.50 Kanchana Pruesapan: An outline of Aquifoliaceae for the Flora of Thailand
- 16.10 Saroj Ruchisansakun: Are transitions in life history strategies driven by moisture gradients in mesic environments? A case study from the *Semeiocardium* clade (*Impatiens*)
- 16.30 Peter van Welzen: Historical biogeography of *Breynia* s.l. (Phyllanthaceae)
- 16.50 Ivan Savinov: Morphological characters and ecology of some species of *Glyptopetalum* Thwaites (Celastraceae R.Br.) in Thailand and Laos

Close of Conference. Chair: David Simpson

- 17.10 Editorial Board Report; Presentation of Prizes; Closing Ceremony
- 18.00 End of Conference