



IBC 2017
XIX International Botanical Congress
Shenzhen China

2017 MAY 22

Field Trips Brochure

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Organizers: Botanical Society of China
Shenzhen Municipal Government
主办单位: 中国植物学会 深圳市人民政府



China is well known for its rich cultural heritage, but is perhaps less well known for its wonderful natural heritage rich in plant species, vegetation ranging from wet tropical to boreal to alpine to desert, and a variety of environments extending from sea level to the top of the highest peaks on earth. Participants will be able to experience some of this rich diversity before and after the Congress through field trips arranged by the organizing committee. The trips will provide the opportunity to visit the most amazing parts of China. The sites of the field trip have been carefully selected to provide participants with memories that will last a lifetime. For those who have not visited China, it will be an opportunity to see and experience parts of China that most visitors are not even aware of!

The deadline for booking field trips had been extended to **June 15th, 2017**. Please visit the website for full information of each trip on how to book: www.ibc2017.cn

Please note: Out of the 26 trips planned, 11 were canceled due to less interests from delegates, and 4 were confirmed due to the booking reached the minimum level. The left trips will depend on the number of booking by the extended deadline.



For travel questions, please do not hesitate to contact the travel agency, 3239985830@qq.com.



For questions of a scientific nature relating to a particular trip or field site, please contact the scientific guide for that trip.

Please also send a copy of your inquiries to the Congress Secretariat (field_trip@ibc2017.cn) to insure a timely reply to your message.

FT-01: Oases on the Tropic of Cancer; Guangdong (confirmed)

Date: July 30-August 03, 2017

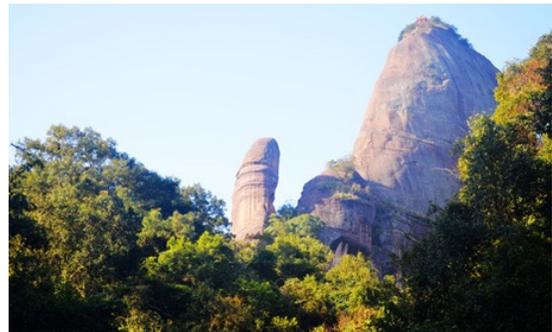
Price: ¥ 3,680

Difficulty degree: ★★★

Number of passengers: 10-30

Enquiries: Yi-Jun HUANG 307497362@qq.com

This trip in Guangdong Province will include a number of oases on the Tropic of Cancer. The main climate here is subtropical, warm and humid. The trip provides an excellent introduction to the diversity of plants in the Danxia (sandstone and conglomerate formations) and karst landforms. The first site will be Dinghu Shan Nature Reserve. Dinghu Shan is not only rich in vegetation, but also a famous Buddhist shrine. The relict *Alsophila spinulosa*, which is known as a 'living fossil,' and more than 20 key national protected rare and endangered plants occur here. The second station, Nanling National Nature Reserve, located in northern Guangdong Province, encompasses the only primeval forest in Guangdong, the highest peak in Guangdong, and a wealth of flora and fauna. We will spend two days here.



Finally, we will explore the Danxia Mountain Nature Reserve, a World Natural Heritage site in northeastern Guangdong Province. Danxia is a geological site of unusual landforms composed of red sedimentary sandstone and conglomerates. The rugged landscape, too difficult for traditional agriculture, has helped to conserve the subtropical broadleaved evergreen forests and many plants and animals, including about 400 species that are considered to be rare or threatened. Besides the unique native plants of Danxia, such notable geological formations as Yangyuanshi, Yinyuanshi, and other unique natural formations, can also be seen.

[View Details](#)

FT-02: Tropical Rain Forest on Hainan Island

Date: July 30-August 03, 2017

Price: ¥ 4,480

Difficulty degree: ★★

Number of passengers: 10-30

Enquiries: Yi-Hua TONG yh-tong@scbg.ac.cn



Beautiful Hainan Island is a shining pearl in the South China Sea. This trip will start from Haikou, the provincial capital of Hainan. First, we visit Dongzhaigang Mangrove Nature Reserve, then Xinglong Tropical Botanical Garden. Afterwards, two nature reserves (Diaoluo Mountain and Jianfengling) are the highlight of the tour. The trip will end in Sanya, a city famous for coastal landscapes. This trip showcases the fascinating biological diversity of Hainan Island, from species-rich tropical rain forests to spectacular coastal mangroves. We explore both in situ conservation in the national forest parks (nature reserves) and ex-situ conservation of medicinal and aromatic plants in the botanical gardens. Participants will not only experience

vibrant biomes with a diversity of flowering plants, but also fossil deposits. On this trip, we will not only see the ‘End of the Earth’ and the customs and culture of ethnic minorities, but also deep tropical rainforests. We will also visit some important Chinese scientific research facilities, including the Dongzhaigang protected areas, Diaoluo Mountain Nature Reserve, Xinglong Tropical Botanical Garden, Xinglong South Medicinal Botanical Garden, Jianfengling (near the easternmost end of the range of *Ancistrocladus* (Ancistrocladaceae) and some of the largest trees of *Altingia* (Altingiaceae) in China), and the Sanya Museum of Natural History.

[View Details](#)

FT-03: North-South Corridor, Typical East Asian Monsoon Evergreen Broadleaved Forest; Jiangxi and Fujian (pre-conference)

Date: July 17-22, 2017

Price: ¥ 6,580

Difficulty degree: ★★★★★

Number of passengers: 10-30

Enquiries Yan-Song PENG yansongpen@sohu.com



This trip will explore the Jinggang Mountain system, Lushan, and Poyang Lake, the largest freshwater lake in China, located down stream from the Luoxiao mountains. The area includes three national nature reserves and the famous Lushan Botanical Garden. First we will visit the Ciping Scenic Area of Jinggang Shan . Two days will be spent exploring the vegetation and

some historic and cultural landscapes. We will then head to Lushan, north of the Luoxiao Mountains. Lushan is a world heritage site of cultural interest and a world geological park. It is one of the spiritual centers of Chinese civilization and the site of Buddhist and Taoist temples, along with landmarks to Confucianism.

Three days will be spent inspecting the zonation of vegetation and vestiges of Quaternary glaciations, touring the Lushan Botanical Garden, which has one of the best collections of exotic plants, the geological museum, and China's oldest college, Bailudong Academy. The academy was founded in 940, in

the fourth year of the Shengyuan reign of the Southern Tang Dynasty (937-975). The final stop will be the conservation station of the Poyang Lake Wetland in the town of Wucheng to explore China's largest freshwater lake and a favorite area for birding.

[View Details](#)

FT-06: Sanqing Shan and Wuyi Shan, A Gathering Area of Eastern Asian – North American disjunction genera; Jiangxi, Fujian

Date: July 30-August 03, 2017

Price: ¥ 4,980

Difficulty degree: ★★

Number of passengers: 10-60

Enquiries:

Wen-Bo LIAO lsslwb@mail.sysu.edu.cn

Wen CHEN lantianrl@163.com



This trip covers Wuyi Shan in Fujian Province and Sanqing Shan in Jiangxi Province. Wuyi Shan is a World Natural and Cultural Heritage site. Sanqing Shan is a World Natural Heritage site and hosts many eastern Asian – North American disjunction genera. Both areas have the best subtropical forests in China and are outstanding tertiary refugia. We will arrive at the first station Wuyi Shan from Shenzhen by air. On the first day, we will take a boat or raft to browse the outstanding landscape of Jiuquxi, and then visit the old ruins of Wuyi Palace. On the second day we will visit Wuyi Shan Nature Reserve to explore the typical

subtropical evergreen broadleaved forests of eastern Asia. On the third morning we will go to Sanqing Shan to observe the scenery at Nanqingyuan and the majestic 'Python', a huge granite stalagmite 128 m tall. On the fourth Day, we walk along the high altitude walkway, a biodiversity passageway, to explore typical evergreen coniferous and broadleaved mixed forest and eastern Asian and North American disjunction genera. After two nights in Sanqing Village Hotel, we will visit the last station by bus on the fifth day to see the beautiful Hui-style architecture in Wuyuan Xian.

[View Details](#)

FT-07: Botanical Curiosities of the Subtropical Broadleaved Forests, Wuling; Hunan (confirmed)

Date: July 30-August 05, 2017

Price: ¥ 7,480

Difficulty degree: ★★★★★

Number of passengers: 10-30

Enquiries: Li-Hong YAN 1240640580@qq.com



This trip explores the abundant plant and animal resources of the Wulingyuan district of Hunan in southeastern China. First, we visit Tianmen Shan with its vast stretches of original natural forest containing *Davidia involucrata* and other broadleaved trees. The second station, Wulingyuan Scenic and Historic Interest Area, a UNESCO World Heritage Site, has one of the best preserved plant zones, dating back to the ice age. We will experience epiphytic plants in the natural landscape in Yuanjiajie and see the world's second largest cave, Huanglong cave, and typical karst

landforms in Zhangjiajie in northwestern Hunan. We will tour the Grand Canyon, a natural and cultural landscape and wildlife nature reserve, then tour Badagong Shan, which are referred to as “green treasure houses”, “natural museums”, “gene pool of rare species”, and “natural Chinese medicine library”. More than 50 plants here are CITES listed.

[View Details](#)

FT-09: Ta-pieh Shan, Watershed in Eastern

Date: July 30-August 02, 2017

Price: ¥ 3,280

Difficulty degree: ★★★

Number of passengers: 10-60

Enquiries: Qiong LIANG qiongl@wbgcas.cn

Jin-Qing WU wjq@wbgcas.cn



We will explore the rich flora and ‘natural plant oxygen bar’ of Ta-pieh Shan. First, we will visit Wuhan Botanical Garden to focus on several specific gardens, such as the Kiwi Germplasm Garden and the Aquatic Plant Resources Repository. We will then visit Yellow Crane Tower, climbing to the top floor for a bird’s-eye view of the first Yangtze Bridge, and we will also explore the unique musical bells performance of the Chu culture. Second, we will go to Wujia Shan National Forest Park in

the Ta-pieh Mountains. We will visit the rich floristic region on the border of Anhui, Henan and Hubei provinces and the Longtan Valley with its diverse topography and several scenic spots. The final site will be Tiantangzhai Nature Reserve to explore the rich plant communities and ecosystems.

[View Details](#)

FT-11: Temperate Forest Vegetation in Northeast China; Jilin, Heilongjiang

Date: July 30-August 05, 2017

Price: ¥ 7,280

Difficulty degree: ★★☆☆

Number of passengers: 10-60

Enquiries: Yan-Qing HUANG hyq122600@163.com



This trip explores the fantastic forests of northeastern China, an area with more than 39.6% forest coverage and encompassing the country’s most abundant forest resources. First, we will explore the Changbai Mountain forest ecosystem, the National Field Scientific Observation Station and the Changbai Mountain Nature Reserve. Changbai Mountains Nature Reserve, part of UNESCO’s Man and Biosphere Program, covers a total of 2000 square km. Then, we will go to Jingpo Wetlands, one of the largest alpine lakes in

China. It is famous for the underground forest(a forest near the crater which has the lowest elevation in this area), underground lava tunnel, geological wonders and the ruins of the Bohai Kingdom dating to the Tang Dynasty (618-907). The trip will end at Changchun.

[View Details](#)

FT-12: Temperate Grasslands; Beijing, Hebei,

Date: July 15-22, 2017

Price: ¥ 10,580

Difficulty degree: ★★☆☆

Number of passengers: 8-25

Enquiries: Jian-Fei YE yejf@ibcas.ac.cn



This trip will highlight the typical temperate grasslands and forests of northern China, combining landscape beauty, scientific research and tourist spots. On the first day we will pass the legendary Great Wall and appreciate the temperate forests of Song Shan and the subalpine meadows around the ski area in Chongli District, one of the sites for the 2022 Winter Olympics. We will enjoy numerous colorful flowers, such as those of *Chamerion angustifolium*, *Sanguisorba officinalis*, *Brassica napus*, *Potentilla fruticosa*, *Trollius chinensis*, *Echinops latifolius* and *Scabiosa tchiliensis* along the beautiful Sky Road on the second day. We will then visit the ancient Upper Capital of the Yuan Dynasty (1271-1368),

which was established by the ‘empire on horseback’ on Jinlianchuan meadow. Common species are *Dracocephalum moldavica*, *Aster alpinus*, *Orchis latifolia*, *Rubia yunnanensis*, *Haplophyllum dauricum*, *Phlomis tuberosa*, *Leymus chinensis* and *Agropyron cristatum*. Next, we will visit two typical grassland ecology research stations of the Institute of Botany of the Chinese Academy of Sciences to meet the ecologists. On the sixth day we will explore the Hexigten World Geo Park before returning to Beijing via Chifeng City.

[View Details](#)

FT-15: Qinling Mountains, Boundary between Temperate and Subtropical China; Shaanxi

Date: July 30-August 04, 2017

Price: ¥ 8,080

Difficulty degree: ★★☆☆

Number of passengers: 10-60

Enquiries: Yi REN renyi@snnu.edu.cn; Xiao-Hui ZHANG xhzhang@snnu.edu.cn

Jian-Qiang ZHANG jqzhang@snnu.edu.cn

On this trip we will explore the deciduous forest ecoregion and the huge variety of plants and wildlife, some of which are found nowhere else on Earth. The Qinling Mountains serve many important roles, such as a natural boundary between the northern and southern climates of China and the boundary between the Oriental and Palearctic realms. On day one, we will start the tour in Xi'an with a visit to the Emperor Qin Shihuang's (259-210 BCE) Mausoleum and the Terracotta Warriors and Horses Museum. Then we head to Taibai Shan to explore the vertical distribution of

vegetation on the northern slope. The vegetation includes typical and unusual plants as well as alpine meadows.

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FT-18: Hotspots of Plant diversity, Central to Southern Yunnan

Date: July 30-August 06, 2017

Price: ¥ 10,680

Difficulty degree: ★★ ★

Number of passengers: 10-30

Enquiries: Bo-PAN pb@xtbg.org.cn



This trip will highlight the great plant biodiversity of southwestern China, especially Yunnan Province. With habitats ranging from alpine forests to low elevation tropical forest at elevations ranging from 500 to 4000 m, Yunnan presents huge landscape changes. More than half of all the species of plants in China are in Yunnan. The first station is Kunming. We will visit Xi Shan (West Mountain) as a warm up to the plants of Yunnan. Xi Shan is a small mountain park, but holds around 2000 plant species representing great diversity from broadleaved forests at the bottom to sparse karst vegetation at the top. The second station, Jiaozi Shan north of Kunming, has a warm temperate flora at the

bottom to high elevation alpine vegetation at the top. We will pass *Rhododendron* forests, alpine meadows, and lakes. From Kunming we will fly to Jinghong in southern Yunnan to visit the fourth station, Xishuangbanna Tropical Botanical Garden, which contains around 13,000 plant species. We will visit the collection of tropical plants and especially the plants of ethnic interest, rainforests, and limestone forests. We will also visit the *Parashorea* forest, which is a typical rainforest south of the garden. Within the forest is a corridor 36 m above the ground attached to trees more than 50 m tall.

[View Details](#)

FT-19: Typical Karst Flora; Guangxi

Date: July 30-August 04, 2017

Price: ¥ 4,680

Difficulty degree: ★★★

Number of passengers: 10-60

Enquiries: Fang WEN wf@gxib.cn



This trip explores the amazing Karst topography of southern China, where the landscape has been formed from the dissolution of soluble rocks such as limestone, dolomite, and gypsum. It is characterized by underground drainage systems, sinkholes and caves. China is noted for its karst features and landscapes, including numerous landforms. The rounded peaks, characteristic forests, mountains, valleys, lakes, stones, waterfalls, springs and pools represent nearly all the natural landscape elements. First we will explore the karst landscape and plant diversity of northeastern Guangxi. Here we will see mountain peaks rising into the sky

along a 100 kilometer stretch of the Li River. This is one of China's most famous scenic areas. From there we will tour the Guilin Yangshuo needle karst, Guilin Elephant Trunk Hill, and Guilin Seven Star Rock. Nonggang National Nature Reserve, which has typical, but rare, karst vegetation is the best preserved. Tongling Large Barranca, the green treasure house, contains two thousand species of plants, including a variety of rare plants. Daxin fuses artificial ecosystems with the karst landscape. Jingxi is a city with a fantastic karst valley and aquatic ecosystem.

[View Details](#)

FT-22: Nu Jiang (Nu River = Salween River) Grand Valley and Southern Gaoligong Shan; Western Yunnan

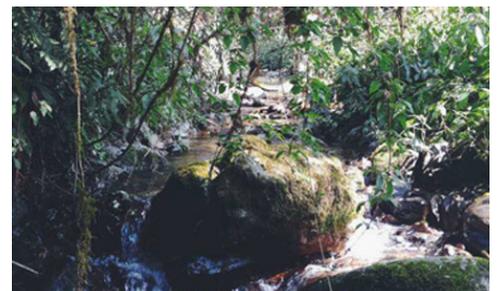
Date: July 30-August 07, 2017

Price: ¥ 9,680

Difficulty degree: ★★★★★

Number of passengers: 10-30

Enquiries: Yong-Peng MA mayongpeng@mail.kib.ac.cn



This trip explores the floras and landscapes in western Yunnan, mainly in the Gaoligong Mountains. We will travel from Kunming to Liuku (the capital of Nujiang) on the first day to visit the first station, Zhiben Shan, to observe typical plants and species with extremely small populations (PSESP) that were reintroduced there many years ago by conservation biologists from the Kunming Botanical Garden. On the second day, we will arrive at the second station, Pianma, along the Nu Jiang, a river port close to Myanmar. On the third day we will go to the third station, Tengchong, from Liuku, toward the south margin of Gaoligong Mountain. The next day

in Tengchong we will visit the comfortable warm spring and then go to Tengchong National Geological Volcano Park. On the fifth day, we will explore the forests of Gaoligong Shan, with the destination of the trip being the King of Giant Rhododendrons (*Rhododendron protistum* var. *giganteum*), a critically endangered species endemic to GaoligongShan. On the sixth day, we will arrive at the old town of Dali for an afternoon visit. On the last day we will return to Kunming and visit the Kunming Botanical Garden in the afternoon.

[View Details](#)

FT-24: Hot, Dry Valleys and Lowland to Alpine Vegetation; Sichuan, Yunnan

Date: July 30-August 07, 2017

Price: ¥ 17,080

Difficulty degree: ★★★

Number of passengers: 10-30

Enquiries: Ge JIA gejjia@mail.kib.ac.cn

This trip is an introduction to the Hengduan Mountains, one of the top 10 biodiversity hotspots in the world. The first station is the Sichuan Panzhihua Cycas National Nature Reserve and Cycas Garden. The second stop is Lugu Hu ,the third largest deep lake in China. We will spend two days at Lugu Hu. It will be an excellent introduction to the plateau wetland, alpine aquatic plants, such as This trip is an introduction to the Hengduan Mountains, one of the top 10 biodiversity

hotspots in the world. The first station is the Sichuan Panzhihua Cycas National Nature Reserve and Cycas Garden.

The second stop is Lugu Hu ,the third largest deep lake in China. We will spend two days at Lugu Hu. It will be an excellent introduction to the plateau wetland, alpine aquatic plants, such as *Ottelia acuminata* (Hydrocharitaceae) in Lugu Hu, and the alpine *Quercus* forest on Shizi Shan surrounding the lake.

To study the aquatic plants, we will take a traditional Mosuo ethnic boat cruise. We will spend the next two days at the third station, Lijiang, to study alpine plants in the Lijiang alpine botanical garden, alpine grasslands on Yulong Snow Mountain, and visit Yufeng Temple, where 200-300 year old trees of *Michelia yunnanensis*, *Magnolia delavayi* and *Camellia reticulata* grow. We will visit Joseph Rock's residence to memorialize the great botanist and experience Heilongtan Park and the ancient town of Lijiang. On the sixth day we will drive to the fourth station, Dali Shibao Shan, a Danxia landform mountain. The trip will end at Cang Shan, ranging west of the city of Dali. We will take a cable car to study the pattern of vegetation distributed along the

mountain. After hiking, the last stop will be the Tianlongbabu film studio, where we will have a special presentation on the ancient city of Dali and on China. grow. We will visit Joseph Rock's residence to memorialize the great botanist and experience Heilongtan Park and the ancient town of Lijiang. On the sixth day we will drive to the fourth station, Dali Shibao Shan, a Danxia landform mountain. The trip will end at Cang Shan, ranging west of the city of Dali. We will take a cable car to study the pattern of vegetation distributed along the mountain. After hiking, the last stop will be the Tianlongbabu film studio, where we will have a special presentation on the ancient city of Dali and on China.

[View Details](#)

FT-25: Gateway to the Tibetan Highlands; Western Sichuan (confirmed)

Date: July 30-August 06, 2017

Price: ¥9,480

Difficulty degree: ★★ ★

Number of passengers: 10-60

Enquiries: Bo XU xubo@cib.ac.cn



Elevation of this trip ranges from about 1900 meters (Dadu River valley) to 4550 meters (Zheduo Shan). On the first day we will arrive in Chengdu by plane. On the second day we arrive in Kangding, which was once known as Tachienlu or Tatsienlu, a name frequent on specimen labels dating back to the French missionary days in the late 1800s. Day three will be at Hailuo Guo, a narrow valley near the east foot of Gongga Shan (Minya Konka; 7,556 m), the tallest mountain east of the Himalaya, where the lowest-reaching glacier in Asia and surrounding forests can be easily accessed. On day four we will be to Mugeco Scenic Area to see the large glacial lake and forests of *Abies*, *Larix* and *Betula* with thickets of *Rhododendron* interspersed in many places. Days five and six will be spent visiting Tagong Temple, about a two and a half hour drive from Kangding, going over the pass at Zheduo Mountain, to see alpine grasslands and meadows. On day seven we will explore the open, gravelly and stony slopes with dwarf *Rhododendron* (<20 cm tall),

thickets and boulder strewn slopes and meadows and scree slopes on Zheduo Shan. On Zheduo Shan are scattered shrubs of *Juniperus*, *Berberis* and *Potentilla* and many species in the herbaceous genera *Meconopsis*, *Corydalis*, *Gentiana*, *Pedicularis*, *Primula*, *Saussurea*, *Rhodiola* and other characteristic plants of the Hengduan region. The final stop, on day eight will visit the valley of the Dadu He, south of the city of Danba, to see dry valley vegetation at around 2,000 meters. The dominant plants in dry scrub vegetation on the stony slopes and natural terraces are *Pistacia weinmannifolia*, *Ligustrum*, shrubby evergreen *Quercus*, *Zanthoxylum* and *Excoecaria*.

[View Details](#)

FT-26: Vegetation and plants in typical limestone and Danxia Landform, Guizhou, SW China

Date: July 30-August 04, 2017

Price: ¥4,780

Difficulty degree: ★★★

Number of passengers: 10-30

Enquiries: Li ZHANG zhangli@scib.ac.cn



Guizhou Province in southwest China, with a land area of 176,000 km², has very rich and unique plant diversity. In terms of size, Guizhou ranks only 16th in the country, but plant diversity ranks 4th. Geologically, karst landscape is prominent throughout most of the province, and danxia landforms in the north are well developed. This trip focuses on the vegetation and plant diversity of karst and danxia landforms (refers to various landscapes in SE, SW and NW China that consist of red beds characterized by steep cliffs. It is a unique type of petrographic geomorphology found in China. Source: Wikipedia). Three localities in the south, central and north of the province are included. The first is Maolan National Nature

Reserve, Libo County, S Guizhou. Maolan is one of the well-known nature reserves in China and also a global Natural Heritage site famous for its karst peaks, canyons, caves, waterfalls and forests. The second locality is Guizhou Botanical Garden in Guiyang, the provincial capital. The decades-old garden preserves ca 2,500 species of vascular plants, some of them rare and endangered. The third locality, Xishui National Nature Reserve in the north, is famous for its unique, danxia landform scenery and plant diversity.

[View Details](#)