

华南地区常见绿化树木

Common green trees in Southern China



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My main work in school, teaching students to identify different plants





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野外采集标本



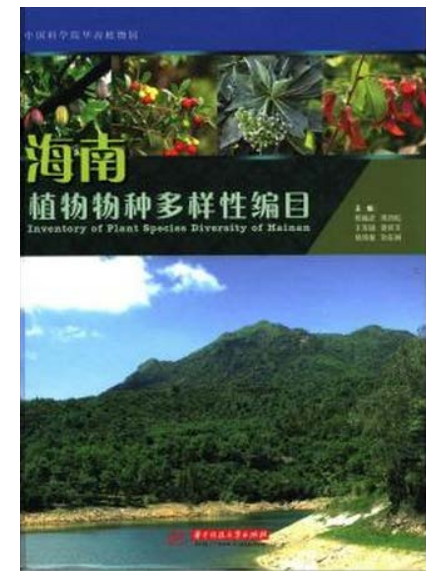
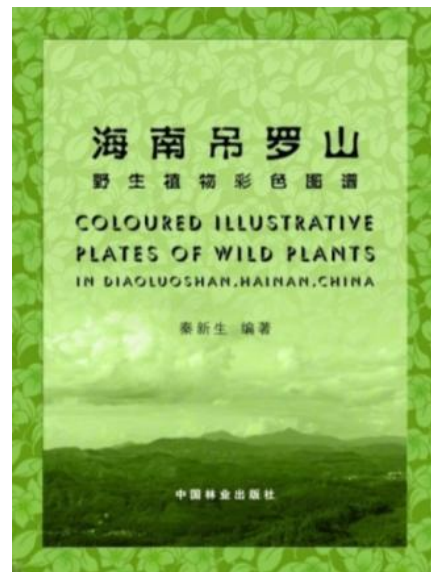
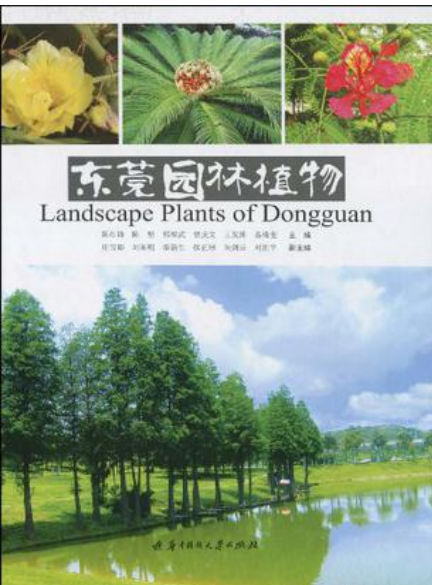
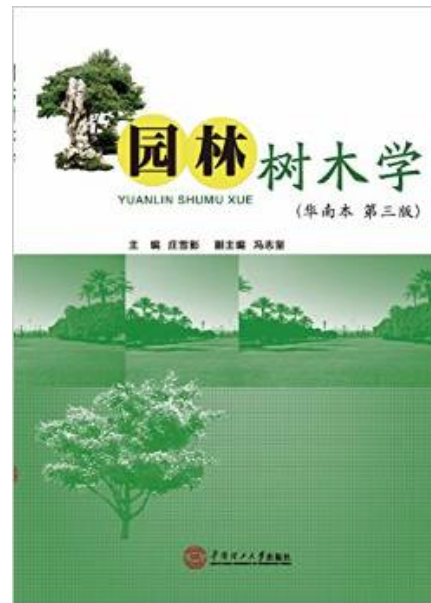
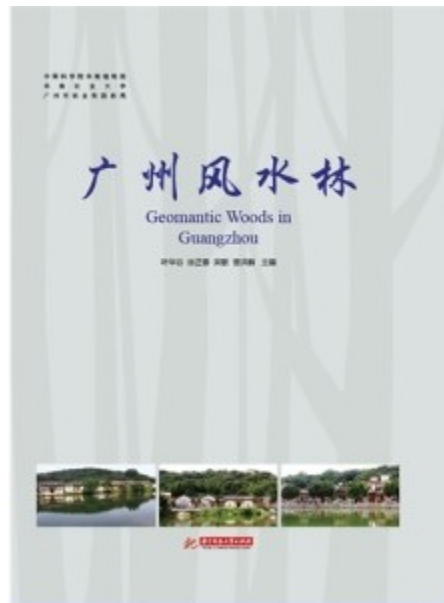


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室内压制标本



Some publications of our team



报告内容 Report contents

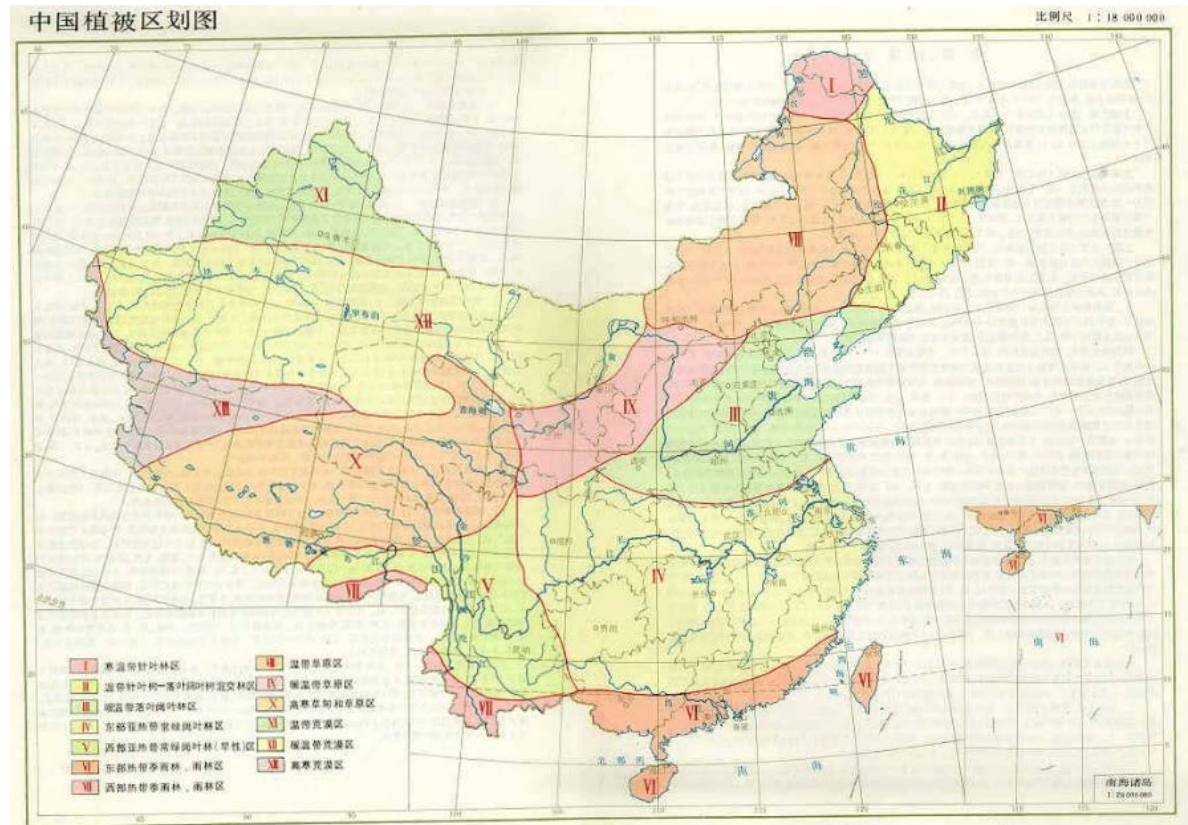
- 一、城市树木选择相关知识
 - How to select suitable plants for urban greening ?
 -
- 二、南方城市常见树木及其养护细节
 - Common urban trees and their managing details in South China.

一、城市树木选择相关要点

How to select suitable plants for urban greening ?

1、适区域适树，选择合适区域的树种。

Suitable regions, selecting suitable trees



2、适场地适树，选择适合场地的树种。

Suitable scene, selecting suitable trees



湿地公园
Wetland park



行道绿化
wayside trees

3、适功能适树，选择适合绿化功能的树种。

Selecting trees according to the function of green place



沿海防护林
Coastal Protective Forest

护坡绿化 Scope planting



4、适经济适树，选择预算范围可购买的树种 Selecting suitable trees according to the money



公共绿地的罗汉松
Podocarpus macrophyllus in public
green space



私家花园的罗汉松
P. macrophyllus in private garden

二、华南地区常见城市树木 Common urban trees in South China

1、樟树 *Cinnamomum camphora*

——南方使用频率最高的行道树种

The most common tree in South China. Every city, every garden





樟树皮 bark



樟树叶片 leaves



雄蕊4轮，外3轮可育

Stamen four rounds, three rounds outside are fertile



浆果，成熟时紫黑色

Berries, purple to black when ripe



Many bigger and older camphor trees in South China



行道绿地和街头绿地随处可见樟树

We can find camphor trees in every street and every garden



大苗源相当充足 Many big tree seedlings in markets



阴香 *Cinnamomum burmanii*

Another most common tree similar with *C. camphora* , but differentiated in barks, leaves.



嫩叶微红，花小

Reddish tender leaves and small flowers



果实椭圆形，幼果常常长很多虫瘿

Many insect galls on fruits, or leaves



非洲桃花心木 *Khaya senegalensis*

也叫非洲楝、塞楝。

Common trees in South China, but it can be hurt by long cold.



偶数羽状复叶 Even-pinnate



树皮块裂 Bark chipped



filaments united

大苗相对较多 Many big seedlings in market



尖叶杜英 *Elaeocarpus apiculatus*



尖叶杜英的大树 Big trees of *Elaeocarpus apiculatus*



Young trees of *Elaeocarpus apiculatus*



Seedlings of *Elaeocarpus apiculatus*



Flowers of *Elaeocarpus apiculatus*



Fruits of *Elaeocarpus apiculatus*



Drupes of *Elaeocarpus apiculatus*



糖胶树 *Alstonia scholaris*



The scent of flowers are very uncomfortable

糖胶树 *Alstonia scholaris*

Verticillate leaves



Noodle form fruits



小叶榄仁 *Terminalia neotaliala*



小叶榄仁 *Terminalia neotaliala*



南洋楹 *Albizia falcataria*



凤凰木 *Delonix regia*



南洋楹



凤凰木



凤凰木



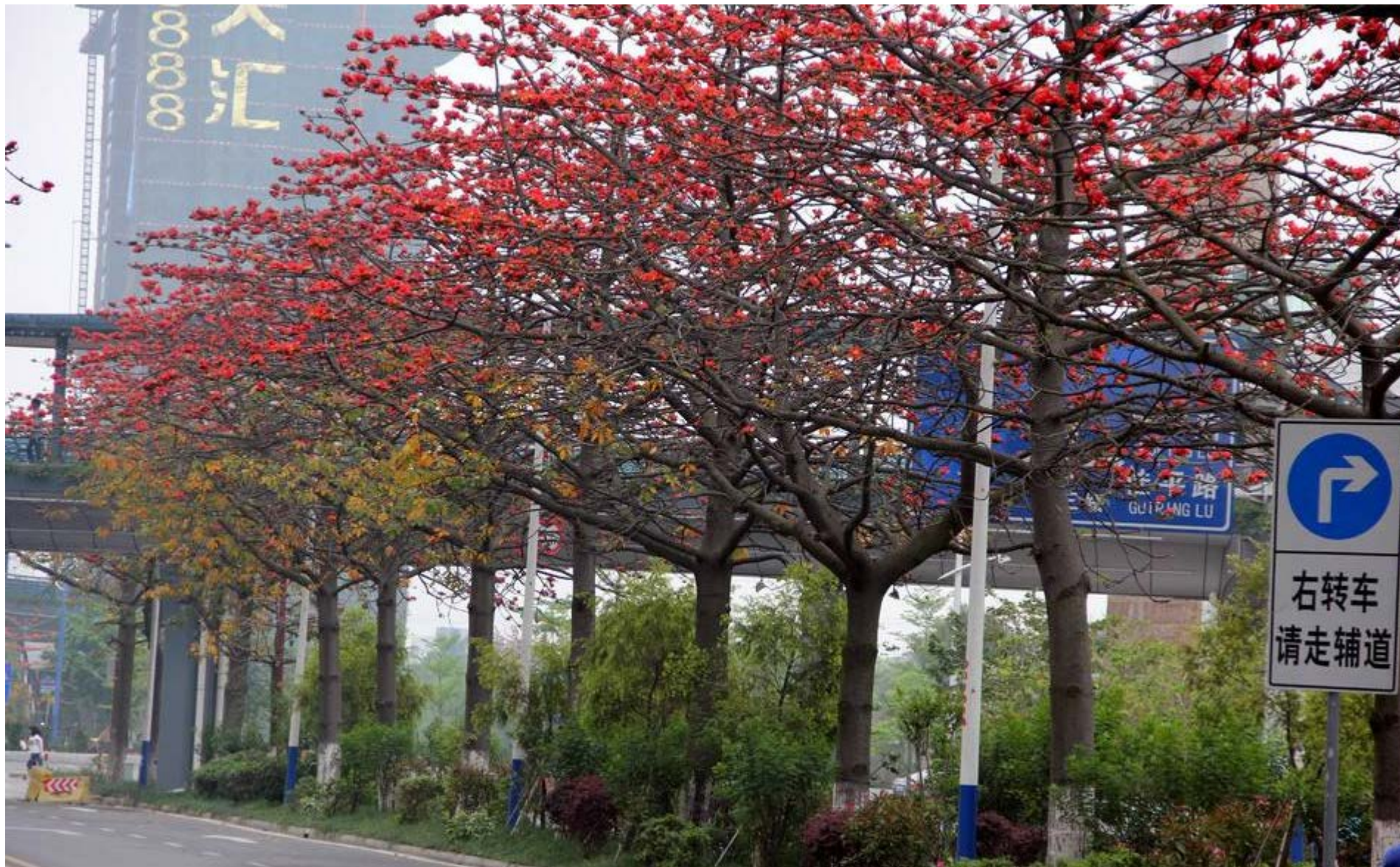
凤凰木



木棉 *Bombax ceiba*



木棉 *Bombax ceiba*



美丽异木棉*Ceiba speciosa*





白兰 *Michelia alba*



白兰 *Michelia alba*



白兰 *Michelia alba* 黄兰 *Michelia champaca*



大花紫薇 *Lagerstroemia speciosa*



大花紫薇

Lagerstroemia speciosa



落羽杉 *Taxodium distichum*



落羽杉 *Taxodium distichum*



蒲桃 *Syzygium jambos*



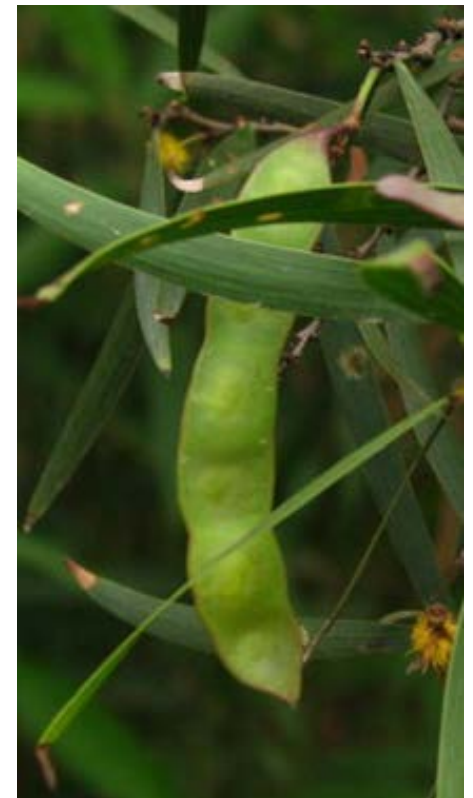
蒲桃
Syzygium jambos



台湾相思 *Acacia confusa*



台湾相思 *Acacia confusa*



台湾相思的叶



大叶相思的叶



马占相思的叶



Leaves of *Acacia confusa*

Leaves of *A. auriculiformis*

Leaves of *A. mangium*

台湾相思的花



大叶相思的花



马占相思的花



Flowers of *Acacia confusa* Flowers of *A. auriculiformis* Flowers of *A. mangium*

台湾相思的果



大叶相思的果



马占相思的果



Fruits of *Acacia confusa*

Fruits of *A. auriculiformis*

Fruits of *A. mangium*

黄槐 *Senna surattensis*





pinnate

Fruits flat

Flowering all the year round



Big seedlings



土沉香 *Aquilaria sinensis*



Leaves and flowers of *Aquilaria sinensis*



Fruits and seeds



宫粉羊蹄甲 *Bauhinia variegata*



***Bauhinia variegata* in South China Agricultural University**



Bauhinia variegata in South China Agricultural University



Bauhinia variegata in South China Agricultural University



宫粉羊蹄甲 *Bauhinia variegata* 红花羊蹄甲 *Bauhinia blakeana*



黄花风铃木 *Tabebuia chrysanthus*



Tabebuia chrysanthus

Yellow flowers

Palmate



Fruits many tomenta



蓝花楹 *Jacaranda mimosifolia* in Guangzhou



***Jacaranda mimosifolia* in Australia**



Jacaranda mimosifolia in Australia



We should learn from Hongkong and other countries about the management of urban trees

学校代码: 10564

学 号: LM20120033

分 类 号: S731.5

密 级:



華南農業大學

硕 士 学 位 论 文

香港屋邨绿化树木的风险评估

刘 珈 翠

第一指导教师: 唐光大 副教授

第二指导教师: 陈传国高级工程师

学 院 名 称: 林学与风景园林院

专业学位类别: 风景园林硕士

领 域:

答辩委员会主席:

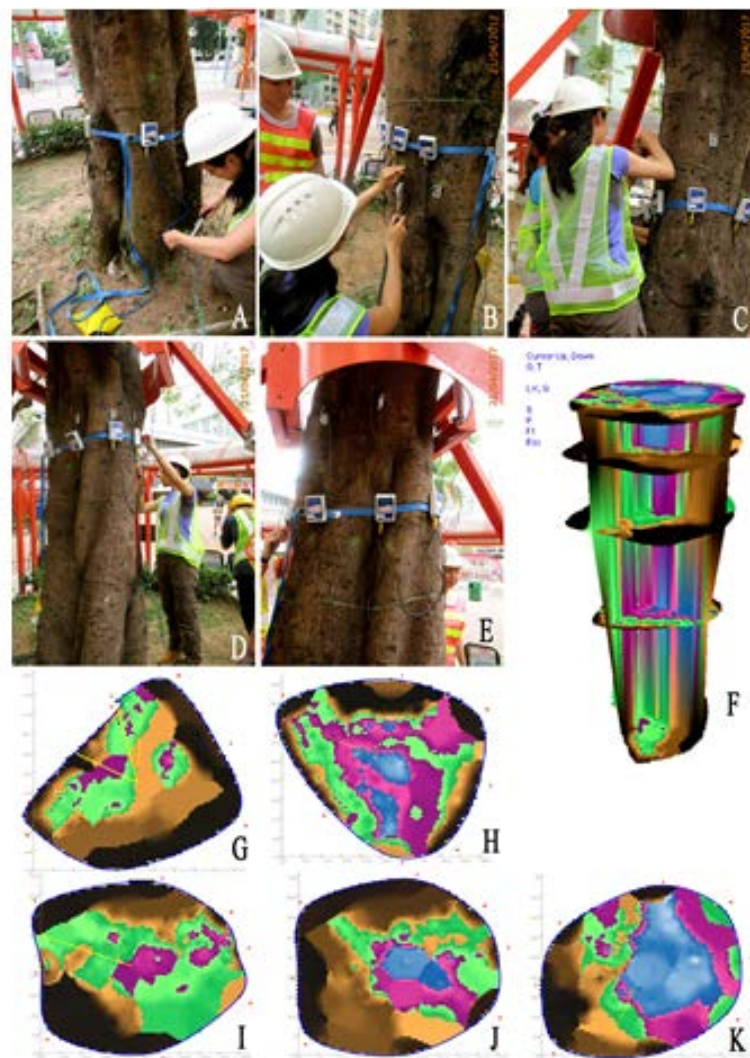


图7: PiCUS 应力波断层成像仪测量高度A: 0.3m高测量; B: 1.0m高测量; C: 1.5m高测量; D: 1.8m高测量; E: 2.0m高测量; F: 测量结果合成图示; G: 0.3m

微钻阻力测量树干健康

RESI tests the trunks

Sketch Plan- Red indicated the decay/ void:

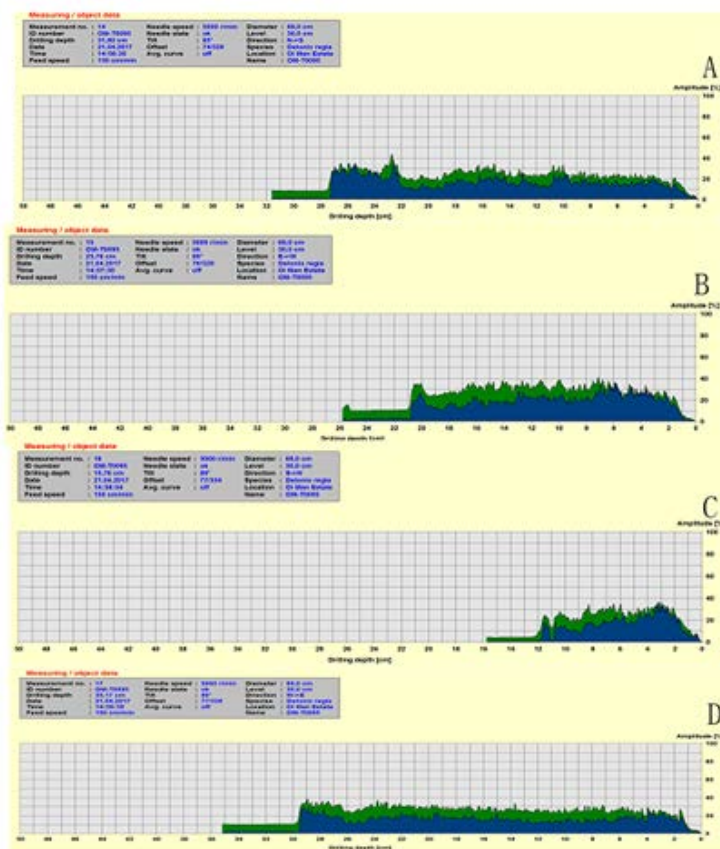
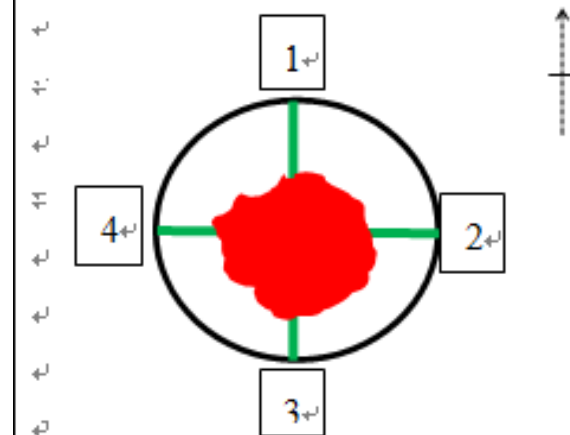


图2 微钻阻力测量钻孔高度。A: 0.3 m 高, B: 1.0 m 高, C: 1.5 m 高, D: 1.8 m 高。

Thanks! Welcome to SCAU!

