

Fushan Botanical Garden

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For Reference & Extension Purposes

Interpretation Programs

Promotion and Extension Center

- 1. Information desk:**
provides information concerning visiting the botanical garden, maps and other interpretation materials.
- 2. Exhibition hall:**
open daily from 9 am to 3:30 pm.
- 3. Auditorium:**
shows ecological films as well as hosts workshops and seminars.

Field Interpretation Programs

Field interpretation tours commence at the interpretation booth near the entrance to the botanical garden at the public parking lot. Arrangements can be made in advance (contact the Garden Manager) or one can register upon arrival.



Admission:
 Admission is free of charge but arrangements must be made in advance. Please contact Garden Manager
 Fushan Research Station
 Taiwan Forestry Research Institute,
 Fushan, I-lan, Taiwan
 Phone: (886) 3 922-8915 Fax: (886) 3 922-8904



General Descriptions

The Fushan Botanical Garden is part of the Fushan experimental forest, which is situated in I-lan county of northeastern Taiwan, approximately 35 km from the capital city of Taipei. Set up in 1986, the 1097 ha experimental forest is operated under the auspices of the Taiwan Forestry Research Institute.

The climate of the Fushan experimental forest is warm and humid with an annual precipitation of 3,200 mm, an annual average temperature of 18.6°C, and an average relative humidity of 98%. Such favorable weather conditions endow the area with a biota rich in diversity. There are some 538 species of plants in the areas protected of the experimental forest. The flora is characterized by abundant epiphytes and conspicuous plants exhibiting cauliflory. Recent investigations show that there are 700 species of animals, including approximately 523 species of invertebrates, which are primarily insects.

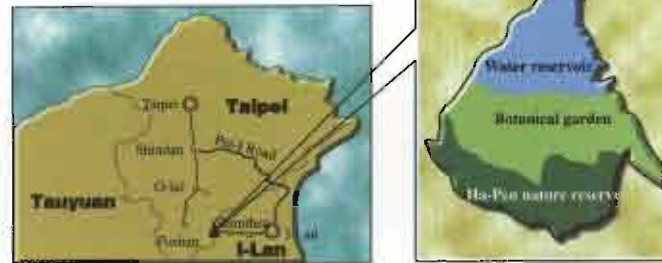
The Fushan experimental forest is used for both public education and research purposes. It is divided into three zones based upon the physical environment and biotic resources. These zones include a water resource protection zone in the north, a nature reserve zone in the south, and a botanical garden in the center.

The Botanical Garden Zone serves multiple purposes, including education, plant conservation and research. The Administrative Building of the Taiwan Forestry Research Institute's Fushan Branch is also located in this zone. The Water Resource Protection Zone is reserved for long-term ecological experiments and is not open to the public. Another protected area off limits to visitors is the Ha-pea Nature Reserve Zone which has been set aside under the Culture Resources Protection Act.

Introduction to Fushan Botanical Garden

The Fushan Botanical Garden serves as a living plant museum. It boasts a systematic collection of low- to mid-altitude woody plants of Taiwan which have been transplanted and conserved here. It is an important site for forest ecosystem research, environmental education, and forest tree gene preservation.

The layout of collected plants is designed according to Engler's phylogenetic system, by which the plants are divided into Gymnospermae, Polypetalae, Sympetalae, Ericaceae, and Bambusa sections. There are also sections of non-timber plants, aquatic plants, and natural vegetation. Currently over 100 families and more than 538 species of plants are raised in the garden.



● *Hoya carnosa*



● *Lagerstroemia subcostata*



● *Microporus affinis*



● *Miscanthus floridulus*



● *Polypedates megacephalus*



● *Liquidambar formosana*



● *Oenanthe javanica*



● *Oxalis corymbosa*



● *Magnolia liliflora*

LOOK!

The leaves are a microcosmos of life. The branches wave gingerly, almost playfully, in the breeze. The flowers dazzle brilliantly in the sun light, a prism of colors. The trunks struggle valiantly in hugging the earth and caressing the sky.

● Watch out for your safety.



● Do not damage plants.



● Do not litter.



● Do not make fire.



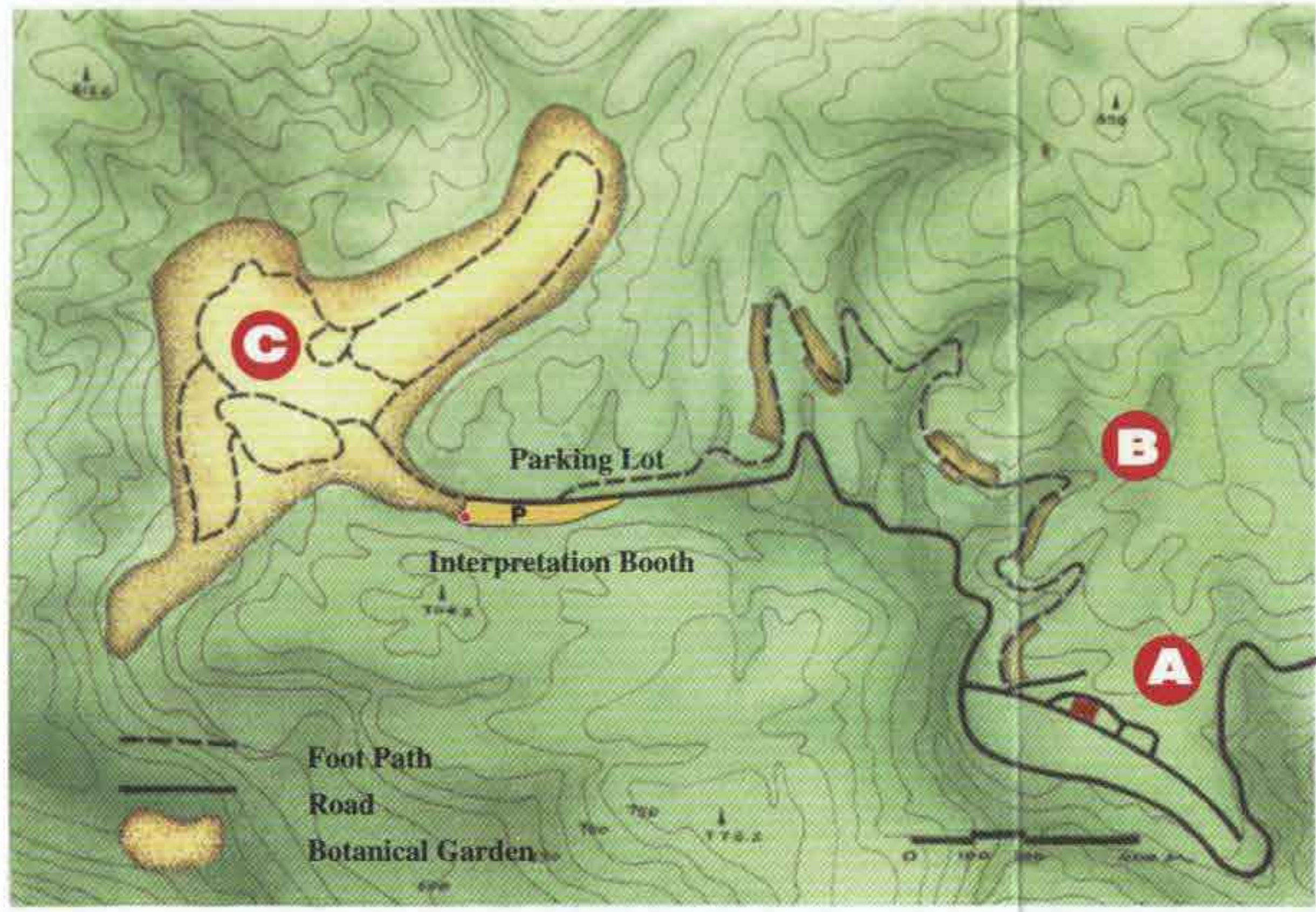
● Keep water clean.



● Do not hunt or fish.

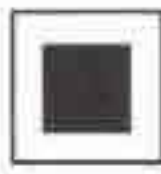
● Do not make noise.





- The distance from the entrance gate to the education and extension center is 4.8 km.
- The distance from the education and extension center to the interpretation booth is 1.8 km.

Entrance Gate



A Education and Extension Center:

The multi-media displays of the center introduce the visitor to the forestry management activities of the Fushan Botanical Garden.



B Gymnospermae Section:

This section of the botanical garden includes 40 species of coniferous trees from throughout Taiwan.



A natural ecological community is a holistic, living space,
Please maintain a spirit of quiet reverence while you explore in its midst...

C Plant Section:

4 Sympetalae Section:

Located in this section are plants with united petals which represent an evolutionary advancement over their Polypetalae ancestors.



3 Ericaceae Section:

Rhododendrons are among the most thrilling and appreciated plants, displaying a great diversity of flower shapes and colors. This section includes twelve species of native rhododendrons.



2 Polypetalae Section:

This section displays plants with petals absent or separate. This group exhibits a relatively simple flower morphology in comparison to the more complex Sympetalae flowers.



5 Bamboo Section:

Chinese art and culture are infused with the spirit of bamboo, both as an inspiration and as a remarkably versatile craft material. There are twenty-six bamboo species collected in this section.



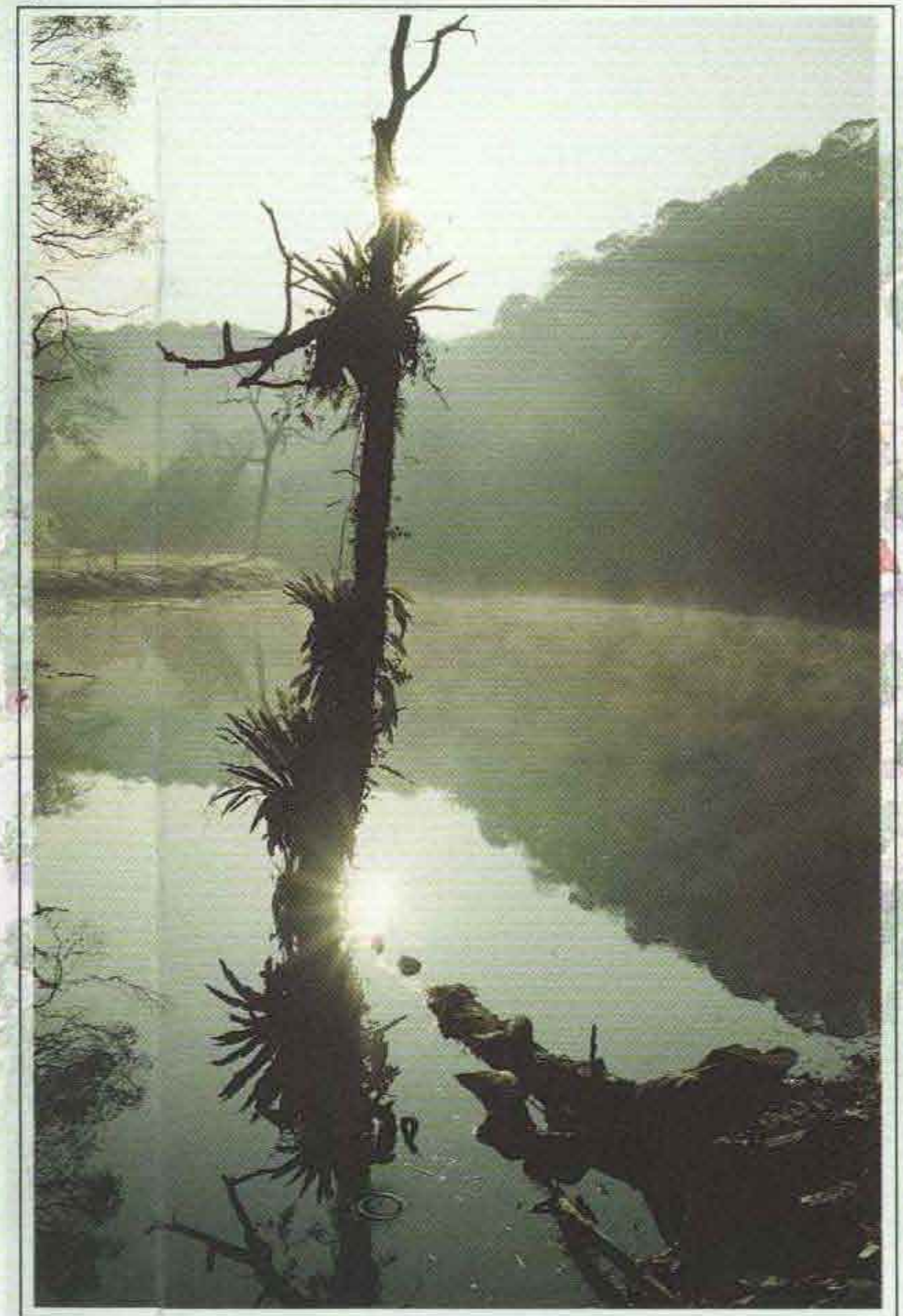
6 Herbaceous Plant Section:

This section includes a variety of native herbaceous species and vines, which illustrate the diversity of the Taiwanese flora.



1 Aquatic Plants Section:

In response to the increasingly rapid destruction of aquatic environments, a semi-natural pond was created in order to display and conserve some rare and endangered Taiwanese aquatic plants. Fourteen remarkable species of frogs have been identified in the pond.



7 Non-timber Plants Section:

Humans rely on plants for many uses other than as timber. This section presents a variety of useful non-timber plants.

