

中国自然保护区

海南岛尖峰岭

中国林业科学院
国际热带木材组织编著
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— A NATURE RESERVE IN CHINA

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海南島

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Research on Tropical Forest Ecosystem and Nature
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—A Nature Reserve in China

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前言

热带森林约占全球森林面积的 40% 以上,蕴藏着丰富的资源,是人类赖以生存的物质基础之一。但是,由于人类对森林的疯狂掠夺,无节制的利用,使世界上的热带森林平均每年以 0.6% 的速度在毁灭,热带森林中的物质不断灭绝,生态失去平衡。气候变暖、水土流失、土地沙化、供水不足、水质恶化、大气污染,以及各种疾病和饥饿严重威胁着居住在热带地区的人们。近些年来,人们越来越认识到保护环境、保护森林的重要性。保护森林也就是保护人类自己。一些有识之士和国家政府积极呼吁“保护大自然”,并把自然环境的保护列为当今世界亟待解决的四大难题之一。

海南岛尖峰岭热带森林自然保护区,有丰富的生物资源,是中国热带森林的典型代表。它拥有的植物种类达 2800 多种,占全国的 8%,占海南岛的 75%;动物种类占全国的 7%,占海南岛的 85%,称得上是中国森林中的一颗“绿色明珠”。

本画册是海南岛尖峰岭热带森林的写真。它从六个方面介绍了尖峰岭热带森林的生态系统特征、丰富的生物资源和旅游资源以及人文景观,以便于国内外交流与合作,促进热带森林的保护和持续发展。

编者

1996 年 10 月



Preface

Tropical forest accounts for over 40 percent of total forest area in the world. Containing rich natural resources, it is one of the material bases essential to mankind. But because Man has wantonly plundered and used forest, it reduces every year at 0.6%, the species in it constantly become extinct and the ecology loses its balance. Warming climate, soil and water loss, land desertification, insufficient water supply, bad water quality, air pollution, diseases and starvation are all seriously threatening the inhabitants there.

In recent years, more and more people understand the importance of protecting both environment and forest. To protect forest is really to protect mankind. So many persons of deep insight and some government circles actively appeal to protect the nature, and regard it as one of the four difficult problems in the world today.

Jianfengling tropical forest nature reserve in Hainan is not only rich in biotic resources but also a typical case of the tropical forest in China. It has more than 2800 plant species, that is 8% all over the country and 75% in Hainan; as for animal species, it holds 7% all over the country and 85% in Hainan. For this reason, it deserves to be called a "green pearl" of forest in China.

The picture album is the portrayal of Jianfengling tropical forest in Hainan. It introduces the ecosystem feature, the rich biotic resources, the tourist resources and humane landscape there from 6 aspects in order to exchange and cooperate at home and abroad, promote the protection and development of the tropical forest.

Editors

Oct. 1996

(Translated by Shao Yuzheng)



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概 况



尖峰岭位于海南岛西南部,横跨海南省的乐东、东方两县,北纬 $18^{\circ}23' \sim 18^{\circ}50'$,东经 $108^{\circ}36' \sim 109^{\circ}05'$,总面积约 600km^2 。属热带季风气候,5~10 月份为雨季,11~翌年 4 月份为旱季,年平均温度 $19.0 \sim 24.5^{\circ}\text{C}$,年降水量 $1650 \sim 3500\text{mm}$,年总辐射量为 $4498.6 \sim 6016.0\text{MJ}/\text{m}^2$ 。

该区水热条件优越,北面 and 东面逶迤起伏的雅加大岭、黎母岭及五指山等山脉阻挡南侵的寒潮;南部和西南部面临大海,来自

西南和东南的热带季风,携带大量水汽进入这一地区。区内地形复杂,从海滨到尖峰顶水平距离仅 15km ,地势从沙滩、沿海平原、丘陵过渡到山地;千米以上的山峰 18 座,最高的尖峰顶海拔 1412.5m 。丰富的气候资源和特殊的地形地貌为动植物提供了良好的繁衍生息环境。林区森林植被多样,动物种类丰富,是我国面积较大、保存较完整的热带原始林区之一,被誉为“位于热带北缘的重要的生物基因库”。

General Situation

Having a total area of 600km², Jianfengling stretches across Ledong and Dongfang Counties in southwestern Hainan Province, China, and is located at 18°23' - 18°50' N, 108°36' - 109°05' E. The climate here belongs to tropical monsoon climate with rainy season from May to October and dry season from November to April. The mean annual temperature in the region is 19.0-24.5 °C, the mean annual precipitation is 1650-3500 mm, and the annual total quantity of radiation is 4498.6-6016.0 MJ/m².

The water-heat situations of the region are favourable because the rolling hill — Yajiadaling, Limuling and Wuzhishan stop the cold wave from Siberia, meanwhile the South China Sea adjoins its south and southeast, so a large quantities of

water and heat are carried into the region by the southwestern and southeastern monsoons. The horizontal distance has only 15 km from the coast to Jianfengling Peak. This region has a various topography — from sandy beach, coastal plain, hill, to mountain. There are 18 mountain peaks over 1000 m high, of which Jianfengling Peak is the highest one (1412.5 m). The region, with its favourable climate condition and special topography, provides advantageous habitat for tropical plants, animals and microbes.

Jianfengling with varied plant communities and abundant wildlife resources is one of the several tropical virgin forest regions in China that have been protected well, and is regarded as a very important gene pool in the northern tropics of the world.



尖峰雄姿 A magnificent view of Jianfengling Peak