Biodiversity of Fanjingshan Nature Reserve

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Content

1、Main situation

2、Animal diversity

3、Plant diversity
1、Main situation


The geographical position of Fanjingshan in China is:

E 108° 45’55” ~ 108° 48’30”,
N 27° 49’50” ~ 28° 01’30”

The geographical position of Fanjingshan in China.
Fanjingshan is located in northeast of Guizhou province.

Area: 4,300 hectares
Main object of protection:

- **Fanjing Golden Monkey** (*Rhinopithecus brelichi*)
- **Chinese Dove Tree** (*Davidia involucrata* Baill.)
- **Fanjing Fir** (*Abies fanjingshanensis*)

Fanjingshan has rich biodiversity resources, has identified more than 6000 species of animals and plants.
## Animal diversity

<table>
<thead>
<tr>
<th>Type</th>
<th>species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insects (昆虫)</td>
<td>more than 3000</td>
</tr>
<tr>
<td>Birds (鸟类)</td>
<td>216</td>
</tr>
<tr>
<td>Amphibians and reptiles (两栖爬行类)</td>
<td>48</td>
</tr>
<tr>
<td>animals (Mammals) (兽类)</td>
<td>35</td>
</tr>
<tr>
<td>Fish (鱼类)</td>
<td>48</td>
</tr>
</tbody>
</table>
Some animal photos taken with infrared cameras

Fanjing Golden Monkey (*Rhinopithecus brelichi*)

Stump-tailed Macaque (*Macaca thibetana*)

elliott's pheasant (*Syrmaticus ellioti*)
galliformes

Porcupine (*Hystrix hodgsoni*)
# Plant diversity

<table>
<thead>
<tr>
<th>Type</th>
<th>family</th>
<th>Genus</th>
<th>species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moss (苔藓)</td>
<td>74</td>
<td>223</td>
<td>657</td>
</tr>
<tr>
<td>Fern (蕨类)</td>
<td>44</td>
<td>106</td>
<td>329</td>
</tr>
<tr>
<td>Gymnosperm (裸子植物)</td>
<td>6</td>
<td>13</td>
<td>16</td>
</tr>
<tr>
<td>Angiosperm (被子植物)</td>
<td>179</td>
<td>924</td>
<td>2287</td>
</tr>
</tbody>
</table>
The Forest Belt of Fanjingshan

- Sub-alpine coniferous and broad mixed forest and shrub-grass-lent (亚高山针阔混交林和灌丛草甸带)
- Belt coniferous forest, evergreen, deciduous mixed forest belt (中山温性针叶林、常绿、落叶混交林带)
- Low mountain evergreen forest belt (低山常绿阔叶林带)
Forest Cover Type

1. Coniferous Forest
2. Mixed Forest
3. Broad-leaved forest

- hight altitude Bushwood
- Bamboo forest
Ponytail Pine forest
(Pinus massoniana)
Altitude: 500m-1300m
Chinese Fir forest (*Cunninghamia lanceolata*)
Altitude: 500m-1300m
Southern Hemlock forest (*Tsuga tchekiangensis*)
Altitude: 1400m–2000m
Fanjingshan Fir Forest (*Abies fanjingshanensis*)

Altitude: 1600m-2100m

Endemic species of Fanjingshan
2. Broad-leaved forest

Castanopsis forest (*Castanopsis fargesii*)
Altitude: 500m-1300m
Nanmu forest (*Phoebe bournei* (Hemsl.) Yang)

Altitude: 500m-1300m
Bright leaf beech forest (*Fagus lucida*)

Altitude: 1600m-1900m
Long handle beech forset (*Fagus longipetiolata*)
Altitude: 1000m-1600m
Guizhou Qinggang forest (*Cyclobalanopsis stewardiana*)
Liriodendron chinense forest
Altitude: 700m-1000m
Wild cherry forest (*Cerasus Sp.*)
Altitude: 1600m-2000m
The big clock cuckoo forest (*Rhododendron ririei*)
Altitude: 1700m-1800m
3、Broad-leaved mixed forest

Long core cuckoo (*Rhododendron stamineum*)--Beech (*Fagus longipetiolata*) mixed forest
Altitude: 1600m-1800m
Maple (*Acer Sp.*) - Wild cherry (*Cerasus Sp.*) mixed forest

Altitude: 1600m - 1800m
4、High altitude bushwood

The main plants species:
- Fargesia
- beech
- cuckoo
- Pieris
Leishan Cuckoo bushwood (*Rhododendron leishan*)
Altitude: 1800m-1900m
Silver Leaf Cuckoo bushwood (*Rhododendron argyrophyllum*)
Altitude: 1800m-1900m
Pieris Sp. bushwood
Altitude: 1900m-2100m
Baoxing Cuckoo bushwood
(*Rhododendron moupinense*)
Altitude: 2000m-2100m
5、Bamboo forest
Phyllostachys bambusoides (*P*hylllostachys *bambusoides*)
Fargesia (*Sinarundinaria chungii*)
Altitude: 1600m-2300m
Our Mascot
Fan Xiaomeng
Thank you for your attention