**Geosites by the purpose of evaluation and use within Xiangxi Geopark**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Name of the relics | Type | Degree of significance | Purpose of use | | | |
| Science | Education | Tourism | Un-developed |
| 1 | The GSSP at Paibian Stage of Furong Series in the Cambrian System | G/N | INT | √ | √ | √ |  |
| 2 | The GSSP at Guzhangian Stage of Miaoling Series in the Cambrian System | G/N | INT | √ | √ | √ |  |
| 3 | Guzhang Red Stone Forest | G/N | INT | √ | √ | √ |  |
| 4 | Dahang Grand Canyon | G/N | INT | √ | √ | √ |  |
| 5 | Luotan Karst Platform | G/N | NAT | √ | √ |  | √ |
| 7 | Dahang Rock Wall-Rock Pillar Group | G/N | NAT | √ | √ | √ |  |
| 8 | Luota Stone Forest | G/N | NAT | √ | √ |  | √ |
| 9 | Lanhua Cave | G/N | NAT | √ | √ |  | √ |
| 10 | Lüdong Mountain | G/N | NAT | √ | √ |  | √ |
| 11 | Wangchuanyan light through cave | G/N | NAT | √ | √ |  | √ |
| 12 | Xiangbi Mountain | G/N | NAT | √ | √ | √ |  |
| 13 | Lingdong Karst Window Group | G/N | NAT | √ | √ |  | √ |
| 14 | Youshui River Valley | G/N | NAT | √ | √ | √ |  |
| 15 | Donghe River Valley | G/N | NAT | √ | √ | √ |  |
| 16 | Tianxing Mountain Valley | G/N | NAT | √ | √ | √ |  |
| 17 | Maoyan River Valley | G/N | NAT | √ | √ | √ |  |
| 18 | Sanmendong Valley | G/N | NAT | √ | √ |  | √ |
| 19 | Mengdong River Valley | G/N | NAT | √ | √ | √ |  |
| 20 | Jinlong Grand Canyon | G/N | NAT | √ | √ | √ |  |
| 21 | Zuolong Valley | G/N | NAT | √ | √ | √ |  |
| 22 | Dalongdong Suspended Waterfall | G/N | NAT | √ | √ | √ |  |
| 23 | Furong Town Cascaded Waterfall | G/N | NAT | √ | √ | √ |  |
| 24 | Paoshui Valley Cascaded Waterfall | G/N | NAT | √ | √ |  | √ |
| 25 | Zhihuan (Finger Ring) Waterfall | G/N | NAT | √ | √ | √ |  |
| 26 | Tuofeng (Camel Hump) Waterfall | G/N | NAT | √ | √ | √ |  |
| 27 | Liusha (Flowing Yarn) Waterfall | G/N | NAT | √ | √ |  | √ |
| 28 | Jianduoduo Waterfall | G/N | NAT | √ | √ | √ |  |
| 29 | Sangzhi Composite Syncline | G/N | REG | √ | √ | √ |  |
| 30 | Guidong Fold Structural Trace | G/N | REG | √ |  |  | √ |
| 31 | Zhangjiajie-Huayuan Deep and Large Fracture | G/N | REG | √ | √ | √ |  |
| 32 | Mengxi River Fracture | G/N | REG | √ |  | √ |  |
| 33 | Trilobite Fossil Group in the Cambrian Period in Furong Town | G/N | REG | √ | √ |  | √ |
| 34 | Trilobite Fossil Group in the Ordovician Period in Liexi | G/N | REG | √ | √ |  | √ |
| 35 | Insect Trace Fossil Relics in the Devonian Period in Purong Town | G/N | REG | √ |  |  | √ |
| 36 | Trilobite Fossil Group in the Silurian Period in Purong Town | G/N | REG | √ | √ | √ |  |
| 37 | Hangsha Large Sleeping Buddha | G/N | REG | √ | √ | √ |  |
| 38 | Dafengchong Rock Wall-Rock Pillar Group | G/N | REG | √ |  |  | √ |
| 39 | Pingnian Rock Wall-Rock Pillar Group | G/N | REG | √ |  | √ |  |
| 40 | Paoshui Valley Rock Wall-Rock Pillar Group | G/N | REG | √ | √ |  | √ |
| 41 | Sanmendong Rock Wall-Rock Pillar Group | G/N | REG | √ | √ | √ |  |
| 42 | Tianxingshan Rock Wall-Rock Pillar Group | G/N | REG | √ | √ | √ |  |
| 43 | Maoyanhe Rock Wall-Rock Pillar Group | G/N | REG | √ | √ | √ |  |
| 44 | Hangla Rock Wall-Rock Pillar Group | G/N | REG | √ | √ | √ |  |
| 45 | Shibadong Rock Pillar Group | G/N | REG | √ | √ |  | √ |
| 46 | Luota Sisters Peak | G/N | REG | √ | √ |  | √ |
| 47 | Yayou Red Karst Hill Group | G/N | REG | √ | √ | √ |  |
| 48 | Duishan Red Karst Hill Group | G/N | REG | √ | √ | √ |  |
| 49 | Tian’egong (Swan Palace) | G/N | REG | √ | √ |  | √ |
| 50 | Yelang Shibadong Cave | G/N | REG | √ | √ | √ |  |
| 51 | Tiandong Natural Bridge | G/N | REG | √ | √ |  | √ |
| 52 | Guidong Natural Bridge | G/N | REG | √ | √ |  | √ |
| 53 | Jipoling Natural Bridge | G/N | REG | √ | √ | √ |  |
| 54 | Baxiandong Light through Cave | G/N | REG | √ | √ |  | √ |
| 55 | Luota Long *Tiankeng* | G/N | REG | √ | √ |  | √ |
| 56 | Gaoyanhe Canyon | G/N | REG | √ | √ |  | √ |
| 57 | Shibadong Canyon | G/N | REG | √ | √ |  | √ |
| 58 | Paoshui Valley | G/N | REG | √ | √ | √ |  |
| 59 | Baixi Valley | G/N | REG | √ | √ |  | √ |
| 60 | Tuzhahe Valley | G/N | REG | √ | √ | √ |  |
| 61 | Lülühe Valley | G/N | REG | √ | √ | √ |  |
| 62 | Dafengchong Valley | G/N | REG | √ | √ | √ |  |
| 63 | Jinluohe Valley | G/N | REG | √ | √ | √ |  |
| 64 | Luota Yixiantian Valley | G/N | REG | √ | √ | √ |  |
| 65 | Hailong Valley | G/N | REG | √ | √ |  | √ |
| 66 | Luota Subterranean Stream System | G/N | REG | √ | √ |  | √ |
| 67 | Dalong Cave Subterranean Stream System | G/N | REG | √ | √ | √ |  |
| 68 | Xiaolong Cave Suspended Waterfall | G/N | REG | √ | √ |  | √ |
| 69 | Leigong Cave Suspended Waterfall | G/N | REG | √ | √ | √ |  |
| 70 | Buwa Cliff Suspended Waterfall | G/N | REG | √ | √ | √ |  |
| 71 | Jiulong Waterfall | G/N | REG | √ | √ |  | √ |
| 72 | Yuquan Waterfall | G/N | REG | √ | √ | √ |  |
| 73 | Jiupuxi Valley | G/N | REG | √ | √ | √ |  |
| 74 | Moraine Conglomerate Section at Nantuo Formation, Nanhua Series in Hulu Town | G/N | LOC |  | √ | √ |  |
| 75 | Cap Dolomite Section at Doushantuo Formation, Sinian Series in Hulu Town | G/N | LOC | √ |  |  | √ |
| 76 | Shallow Sea Facies Red Layer Section at Rongxi Formation, Silurian System in Xiqi | G/N | LOC | √ |  |  | √ |
| 77 | Shallow Sea Facies Red Layer Section at Huixingshao Foramtion, Silurian System at Purong Town | G/N | LOC | √ |  | √ |  |
| 78 | Shallow Sea Facies Red Layer Section at Yuntaiguan Formation, Devonian System at Dianfang | G/N | LOC | √ | √ | √ |  |
| 79 | Laminated Limestone ∈*2q* | G/N | LOC | √ |  | √ |  |
| 80 | Pelitic Zebra Limestone∈*3-4c* | G/N | LOC | √ |  |  | √ |
| 81 | Plate Breccia Limestone∈*3-4c* | G/N | LOC | √ |  |  | √ |
| 82 | Dolomite ∈*3-4l*、 | G/N | LOC | √ |  | √ |  |
| 83 | Nodular Argillaceous Limestone O*2d-g* | G/N | LOC | √ | √ |  | √ |
| 84 | Mesh (crack)-shaped Micrite O*2b* | G/N | LOC | √ |  |  | √ |
| 85 | Chert banded limestone P*2q-m* | G/N | LOC | √ |  | √ |  |
| 86 | Red Layer Basal Conglomerate Section in the Cretaceous System at Zejia | G/N | LOC | √ | √ | √ |  |
| 87 | Parallel Unconformity of Caledonian Movement at Dianfang | G/N | LOC | √ | √ |  | √ |
| 88 | Parallel Unconformity of Haixi Movement at Dianfang | G/N | LOC | √ | √ | √ |  |
| 89 | Unconformity of Haixi Movement at Luota | G/N | LOC | √ | √ | √ |  |
| 90 | Kink and Folded Structural Trace at Tasha | G/N | LOC | √ | √ |  | √ |
| 91 | Folded Structural Trace at Dianfang | G/N | LOC | √ | √ |  | √ |
| 92 | Folded Structural Trace at Denglongpo | G/N | LOC | √ | √ | √ |  |
| 93 | Folded Structural Trace at Qixin | G/N | LOC | √ |  | √ |  |
| 94 | Graptolite Fossil Group in the Silurian Period at Purong | G/N | LOC | √ |  |  | √ |
| 95 | Petalura Fossil Group in the Permian Period at Luota | G/N | LOC | √ |  |  | √ |
| 96 | Shuanglong Karst Platform | G/N | LOC | √ | √ |  | √ |
| 97 | Taiku Karst Platform | G/N | LOC | √ | √ | √ |  |
| 98 | Yangjiahe Karst Platform | G/N | LOC | √ | √ | √ |  |
| 99 | Jiating Karst Platform | G/N | LOC | √ | √ | √ |  |
| 100 | Xindi Peak Cluster | G/N | LOC | √ | √ |  | √ |
| 101 | Gaoping Peak Cluster Depression | G/N | LOC | √ |  | √ |  |
| 102 | Shuanglong Peak Cluster Depression | G/N | LOC |  | √ | √ |  |
| 103 | Buchou-Yayou Karst Hill Depression | G/N | LOC | √ |  |  | √ |
| 104 | Heku Karst Hill Depression | G/N | LOC | √ | √ |  | √ |
| 105 | Xishaping Polje | G/N | LOC | √ | √ |  | √ |
| 106 | Zhijia Polje | G/N | LOC | √ | √ |  | √ |
| 107 | Tianjing Polje | G/N | LOC | √ | √ |  | √ |
| 108 | Xiwu Polje | G/N | LOC | √ | √ |  | √ |
| 109 | Bidong Polje | G/N | LOC | √ | √ |  | √ |
| 110 | Lianhua Cave | G/N | LOC | √ | √ |  | √ |
| 111 | Luota River Swallet - blind valley | G/N | LOC | √ |  |  | √ |
| 112 | Maliao River Swallet - blind valley | G/N | LOC | √ |  |  | √ |
| 113 | Leigongdong Swallet- blind valley | G/N | LOC | √ |  |  | √ |
| 114 | Tabu light through cave | G/N | LOC | √ | √ | √ |  |
| 115 | Lüdongbin light through cave | G/N | LOC | √ | √ |  | √ |
| 116 | Yuechuanyan (light through cave） | G/N | LOC | √ | √ |  | √ |
| 117 | Xichehe Valley | G/N | LOC | √ | √ |  | √ |
| 118 | Mengxi River Valley | G/N | LOC | √ | √ |  | √ |
| 119 | Naxi Old Valley | G/N | LOC | √ | √ |  | √ |
| 120 | Xiaolong Cave Subterranean Stream System | G/N | LOC | √ | √ |  | √ |
| 121 | Diaoshuikan Waterfall | G/N | LOC |  | √ |  | √ |
| 122 | Ata Old Waterfall | G/N | LOC | √ | √ | √ |  |
| 123 | Baxiandong Heavenly Lake | G/N | LOC | √ |  | √ |  |
| 124 | Sixi Lake | G/N | LOC | √ |  |  | √ |
| 125 | Luota Collapse Relics | G/N | LOC | √ |  | √ |  |
| 126 | Liziping Landslide | G/N | LOC | √ | √ |  | √ |
| Geosite（G）—represents the major geological relics of a geopark；  Natural site（N）—shows the natural wealth or landscape uniqueness of a geopark；  International important relics(INT)——a relics with international importance；  National important relics（NAT）——a relics with national importance, and has been studied and certified；  Regional important relics (REG)——a relics with regional importance, and has been certified by the regional area;  Local important relics (LOC)—a relics with local importance, and has been certified by the local area; | | | | | | | |