

| Family           | Genus              | Species               | Location                | Altitude (m) | Life form                           | IDNr | San | Klasse               |
|------------------|--------------------|-----------------------|-------------------------|--------------|-------------------------------------|------|-----|----------------------|
| cf. Apiaceae     |                    |                       | Tres Lagunas            | 3780 m       | Paramo                              | 1    | Ec  | Angiosperms+Gymnosp. |
| Actinidiaceae    | <i>Saurauia</i>    | <i>praimiana</i>      | ECSF                    | 1850         |                                     | 2    | Ec  | Angiosperms+Gymnosp. |
| Actinidiaceae    | <i>Saurauia</i>    | <i>bulbata</i>        | ECSF                    | 2950         |                                     | 3    | Ec  | Angiosperms+Gymnosp. |
| Alstroemeriaceae | <i>Bomarea</i>     | <i>distichifolia</i>  | ECSF                    | 3000         | twin.herb                           | 4    | Ec  | Angiosperms+Gymnosp. |
| Alstroemeriaceae | <i>Bomarea</i>     | <i>sp.</i>            | Cerro Toledo            | 3145 m       |                                     | 5    | Ec  | Angiosperms+Gymnosp. |
| Alstroemeriaceae | <i>Bomarea</i>     |                       | Cajanuma                | 3300 m       | Paramo                              | 6    | Ec  | Angiosperms+Gymnosp. |
| Alstroemeriaceae | <i>Bomarea</i>     | <i>setacea</i>        | Cordillera de Sabanilla | 2950 m       | vine, Cloud forest                  | 7    | Ec  | Angiosperms+Gymnosp. |
| Alzateaceae      | <i>Alzatea</i>     | <i>verticillata</i>   | ECSF                    | 2200         | tree                                | 8    | Ec  | Angiosperms+Gymnosp. |
| Alzateaceae      | <i>Alzatea</i>     | <i>verticillata</i>   | ECSF                    | 2220         | tree                                | 9    | Ec  | Angiosperms+Gymnosp. |
| Amaranthaceae    | <i>Iresine</i>     | <i>sp.</i>            | ECSF                    | 1830         | scand.shrub                         | 10   | Ec  | Angiosperms+Gymnosp. |
| Amaryllidaceae   | <i>Stenomessum</i> | <i>aurantiacum</i>    | PN Cajas                | 3100 m       | Paramo/Andean, herb                 | 11   | Ec  | Angiosperms+Gymnosp. |
| Anacardiaceae    | <i>Mauria</i>      | <i>heterophylla</i>   | ECSF                    | 2050         | tree                                | 12   | Ec  | Angiosperms+Gymnosp. |
| Annonaceae       | <i>Guatteria</i>   | <i>sp.</i>            | ECSF                    | 1920         | treelet                             | 13   | Ec  | Angiosperms+Gymnosp. |
| Apiaceae         | <i>Eryngium</i>    | <i>cf. humboldtii</i> | Lagunas Natosas         | 3495 - 3385  |                                     | 14   | Ec  | Angiosperms+Gymnosp. |
| Aquifoliaceae    | <i>Ilex</i>        | <i>andicola</i>       | L. Negra-Amaluza        |              | tree                                | 15   | Ec  | Angiosperms+Gymnosp. |
| Aquifoliaceae    | <i>Ilex</i>        | <i>andicola</i>       | Cerro Toledo            |              | tree                                | 16   | Ec  | Angiosperms+Gymnosp. |
| Aquifoliaceae    | <i>Ilex</i>        | <i>myricoides</i>     | Cerro Toledo            |              | treelet                             | 17   | Ec  | Angiosperms+Gymnosp. |
| Aquifoliaceae    | <i>Ilex</i>        | <i>myricoides</i>     | L. Negra-Amaluza        |              | tree                                | 18   | Ec  | Angiosperms+Gymnosp. |
| Aquifoliaceae    | <i>Ilex</i>        | <i>sp.</i>            | Cerro Toledo            |              | tree                                | 19   | Ec  | Angiosperms+Gymnosp. |
| Aquifoliaceae    | <i>Ilex</i>        | <i>teratopis</i>      | Cerro Toledo            |              | treelet                             | 20   | Ec  | Angiosperms+Gymnosp. |
| Araceae          | <i>Anthurium</i>   | <i>formosum</i>       | near "El Libanon"       | 1940 m       | Epiphytic herb, upt to cloud forest | 21   | Ec  | Angiosperms+Gymnosp. |
| Araliaceae       | <i>Oreopanax</i>   | <i>sp.</i>            | Lagunas Natosas         | 3495 - 3385  |                                     | 22   | Ec  | Angiosperms+Gymnosp. |
| Araliaceae       | <i>Oreopanax</i>   | <i>andreanum</i>      | Cerro Toledo            |              | tree                                | 23   | Ec  | Angiosperms+Gymnosp. |
| Araliaceae       | <i>Oreopanax</i>   | <i>sessiliflorus</i>  | Cerro Toledo            |              | tree                                | 24   | Ec  | Angiosperms+Gymnosp. |
| Araliaceae       | <i>Oreopanax</i>   | <i>sp. 1</i>          | Cerro Toledo            |              | tree                                | 25   | Ec  | Angiosperms+Gymnosp. |
| Araliaceae       | <i>Oreopanax</i>   | <i>sp. 2</i>          | Cerro Toledo            |              | tree                                | 26   | Ec  | Angiosperms+Gymnosp. |
| Araliaceae       | <i>Schefflera</i>  | <i>lasiogyne</i>      | ECSF                    | 3100         |                                     | 27   | Ec  | Angiosperms+Gymnosp. |
| Araliaceae       | <i>Schefflera</i>  | <i>sp.</i>            | Cerro Toledo            |              | tree                                | 28   | Ec  | Angiosperms+Gymnosp. |
| Araucariaceae    | <i>Agathis</i>     | <i>sp.</i>            | cajanuma rezent         |              |                                     | 29   | Ec  | Angiosperms+Gymnosp. |

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|--------------|----------------------|--|--|--------------|--------------|------|-----|----------------------|
| Arecaceae    | <i>Geonoma</i>       | <i>orbignyana</i>                        | ECSF   | 1900-2600 m  | shrub        | 30   | Ec  | Angiosperms+Gymnosp. |
| Aspleniaceae | <i>Asplenium</i>     | <i>aethiopicum</i><br>(Burm.f.) Bech     | Cordillera de Sabanilla                                | 3100         |              | 544  | Ec  | Pteridophyta         |
| Asteraceae   | <i>Achyrocline</i>   | <i>sp.</i>                               |  |              |              | 31   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Ageratina</i>     | <i>dendroides</i>                        | ECSF   | 1910         | shrub        | 32   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Baccharis</i>     | <i>buxifolia</i> (Lam.)<br><i>Pers</i>   | Jimbura-Zumba  | 3100         |              | 33   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Baccharis</i>     | <i>genistelloides</i>                    | ECSF   | 2100         | shrub        | 34   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Baccharis</i>     | <i>macrantha</i> Knuth                   | Loja   | 2020         |              | 35   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Baccharis</i>     | <i>sp</i>                                | Loja. Carretera Loja- Zamora, 30 km from Loja          | 1850         |              | 38   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Baccharis</i>     | <i>tricuneata</i> (L. f.)<br><i>Pers</i> | Jimbura-Zumba  | 3100         |              | 36   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Baccharis</i>     | <i>arbutifolia</i>                       | Tres Lagunas   | 3788         |              | 37   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Chromolaena</i>   | <i>laevigata</i>                         | El Tundo   | 1800-2000    |              | 39   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Chromolaena</i>   | <i>laevigata</i>                         | ECSF   | 1900         |              | 40   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Critoniopsis</i>  |  | ECSF. Area of ECSF, road Loja- Zamora, 30 km from Loja | 2050         |              | 41   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Cyrtocymura</i>   | <i>scorpioides</i>                       | ECSF   | 1790         | herb         | 42   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Diplostephium</i> |  | Cajas  | 3850         |              | 43   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Diplostephium</i> | <i>empetrifolium</i>                     | Jimbura-Zumba  | 3300-3500    |              | 44   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Diplostephium</i> | <i>spinulosum</i>                        | ECSF   | 2700         |              | 45   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Dorobaea</i>      | <i>pimpinellifolia</i>                   | Lagunas Natosas  | 3495 - 3385  |              | 46   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Dorobaea</i>      | <i>pimpinellifolia</i>                   | Lagunas Natosas  | 3495 - 3385  |              | 47   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Dorobaea</i>      | <i>pimpinellifolia</i>                   | Cajanuma   | 3300 m       | herb, Paramo | 72   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Fleischmannia</i> | <i>huigrensis</i>                        | ECSF   | 1700         |              | 48   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Gnaphalium</i>    | <i>pensylvanicum</i>                     | C.d.Sab.   | 3400         |              | 49   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Gynoxys</i>       | <i>azuayensis</i>                        | Cerro Toledo   |              | tree         | 50   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Gynoxys</i>       | <i>baccharoides</i>                      | Cerro Toledo   |              | tree         | 51   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Gynoxys</i>       | <i>cuicochensis</i>                      | Cerro Toledo   |              | tree         | 52   | Ec  | Angiosperms+Gymnosp. |

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|--------------|--------------------|--|-----------------|--------------|--------------------------|------|-----|----------------------|
| Asteraceae   | <i>Gynoxys</i>     | <i>sp.</i>                             | Lagunas Natosas | 3495 - 3385  |                          | 53   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Gynoxys</i>     | <i>sp.</i>                             | Cerro Toledo    |              | tree                     | 54   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Gynoxys</i>     | <i>acostae</i>                         | L. Negra        | 3400         |                          | 55   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Hypochaeris</i> | <i>sessiliflora</i>                    | Tres Lagunas    | 3788         |                          | 56   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Hypochaeris</i> | <i>sessiliflora</i>                    | Tres Lagunas    | 3780 m       | herb, Paramo             | 74   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Lepidaploa</i>  | <i>lehmannii</i>                       | ECSF            | 1800         | scand.shrub              | 57   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Loricaria</i>   | <i>sp.</i>                             | Cerro Toledo    | 3145 m       | shrub                    | 58   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Mikania</i>     | <i>jamesonii</i>                       | ECSF            | 2070         | liana                    | 59   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Munnozia</i>    | <i>senecionidis</i>                    | ECSF            | 2700         |                          | 60   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Munnozia</i>    | <i>sp.</i>                             | Cerro Toledo    | 3145 m       |                          | 61   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Oligactis</i>   | <i>coriacea</i>                        | ECSF            | 1900         | liana                    | 62   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Oritrophium</i> | <i>aff. Peruvianum</i>                 | Tres Lagunas    | 3780 m       | herb, Paramo             | 75   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Oritrophium</i> | <i>sp.</i>                             | Tres Lagunas    | 3788         |                          | 63   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Pentacalia</i>  | <i>lanceolifolia</i>                   | ECSF            | 2090         | liana                    | 64   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Piptocoma</i>   | <i>discolor</i>                        | ECSF            | 1800         | tree                     | 65   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Pollalesta</i>  | <i>discolor</i>                        | C.d.Sab.        | 2950         |                          | 66   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Vernonia</i>    | <i>brachiata Benth.<br/>ex. Oerst.</i> | Bombuscaro      | 1200         |                          | 67   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Werneria</i>    | <i>sp.</i>                             | Lagunas Natosas | 3495 - 3385  |                          | 68   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Werneria</i>    | <i>pumila</i>                          | L. Negra        | 3400         |                          | 69   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>x</i>           | <i>x</i>                               | Tres Lagunas    | 3788         |                          | 70   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Xenophyllum</i> | <i>humile</i>                          | Tres Lagunas    | 3788         |                          | 71   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Xenophyllum</i> | <i>humile</i>                          | Tres Lagunas    | 3780 m       | cushion plant,<br>Paramo | 73   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   | <i>Xenophyllum</i> | <i>humile</i>                          | Tres Lagunas    | 3780 m       | herb, Paramo             | 76   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   |                    |  | Tres Lagunas    | 3780 m       | herb, Paramo             | 77   | Ec  | Angiosperms+Gymnosp. |
| Asteraceae   |                    |  | Tres Lagunas    | 3780 m       | Paramo                   | 78   | Ec  | Angiosperms+Gymnosp. |
| Betulaceae   | <i>Alnus</i>       | <i>acuminata</i>                       | Cerro Toledo    | 3145 m       |                          | 79   | Ec  | Angiosperms+Gymnosp. |
| Bignoniaceae | <i>Tabebuia</i>    | <i>chrysantha</i>                      | ECSF            | 1890         | tree                     | 80   | Ec  | Angiosperms+Gymnosp. |
| Blechnaceae  | <i>Blechnum</i>    | <i>auratum</i>                         | Cerro Toledo    | 3145 m       |                          | 547  | Ec  | Pteridophyta         |
| Blechnaceae  | <i>Blechnum</i>    | <i>sp.</i>                             | Lagunas Natosas | 3499 - 3385  |                          | 546  | Ec  | Pteridophyta         |
| Blechnaceae  | <i>Blechnum</i>    | <i>sp.</i>                             | Cerro Toledo    | 3145 m       |                          | 548  | Ec  | Pteridophyta         |
| Blechnaceae  | <i>Blechnum</i>    | <i>auratum</i>                         | Podoc.NP        | 3000         |                          | 545  | Ec  | Pteridophyta         |

| Family                               | Genus               | Species   | Location  | Altitude (m) | Life form   | IDNr | Sam | Klasse               |
|--------------------------------------|---------------------|---|---|--------------|---|------|-----|----------------------|
| Boraginaceae                         | <i>Cordia</i>       | <i>lutea</i>                                      | Zapotillo, Loja   | 300          |   | 81   | Ec  | Angiosperms+Gymnosp. |
| Boraginaceae                         | <i>Cordia</i>       | <i>lutea</i>                                      |   | 300 m        | tree, dry forest                                    | 86   | Ec  | Angiosperms+Gymnosp. |
| Boraginaceae                         | <i>Hackelia</i>     | <i>sp</i>   | Cerro Toledo  | 3145 m       |   | 82   | Ec  | Angiosperms+Gymnosp. |
| Boraginaceae                         | <i>Tournefortia</i> | <i>fuliginosa</i> H.B.K.                          | ECSF. ECSF,<br>derrumbes en<br>estados<br>diferentes de<br>desarrollo al lado<br>del camino,<br>incinacion 40-60° | 1950         |   | 83   | Ec  | Angiosperms+Gymnosp. |
| Boraginaceae                         | <i>Tournefortia</i> | <i>hirsutissima</i>                               | ECSF  | 1900 m       | ravine, woody liana                                 | 87   | Ec  | Angiosperms+Gymnosp. |
| Boraginaceae                         | <i>Tournefortia</i> | <i>hirsutissima</i> L.                            | Loja  | 1900         |   | 84   | Ec  | Angiosperms+Gymnosp. |
| Boraginaceae                         | <i>Tournefortia</i> | <i>sp.</i>  | El Tiro   | 2300         | shrub   | 85   | Ec  | Angiosperms+Gymnosp. |
| Brassicaceae                         | <i>Eudema</i>       | <i>sp.</i>  | Lagunas Natasas   | 3495 - 3385  |   | 88   | Ec  | Angiosperms+Gymnosp. |
| Bromeliaceae                         | <i>cf. Guzmania</i> | <i>sp.</i>  | Cerro Toledo  | 3145 m       |   | 89   | Ec  | Angiosperms+Gymnosp. |
| Bromeliaceae                         | <i>Mezobromelia</i> | <i>fulgens</i>                                    | Cajanuma, el<br>Mirador   | 3100 m       | Paramo, terrestrial<br>herb                         | 94   | Ec  | Angiosperms+Gymnosp. |
| Bromeliaceae                         | <i>Pitcairnia</i>   | <i>pungens</i>                                    | ECSF  | 2200 m       | terrestrial herb                                    | 92   | Ec  | Angiosperms+Gymnosp. |
| Bromeliaceae                         | <i>Pitcairnia</i>   | <i>trinae</i>                                     | ECSF  | 2700 m       | terrestrial herb                                    | 95   | Ec  | Angiosperms+Gymnosp. |
| Bromeliaceae                         | <i>Puya</i>         | <i>cf. hamata</i>                                 | Tres Lagunas  | 3788         |   | 90   | Ec  | Angiosperms+Gymnosp. |
| Bromeliaceae                         | <i>Puya</i>         | <i>sp.</i>  | Cerro Toledo  | 3145 m       |   | 91   | Ec  | Angiosperms+Gymnosp. |
| Bromeliaceae                         | <i>Racinaea</i>     | <i>adpressa</i>                                   | ECSF  | 2450 m       | epiphyte  | 93   | Ec  | Angiosperms+Gymnosp. |
| Brunelliaceae                        | <i>Brunellia</i>    | <i>sp.</i>  | Cerro Toledo  |              |   | 96   | Ec  | Angiosperms+Gymnosp. |
| Burmanniaceae                        | <i>Dictyostega</i>  | <i>orobanchoides</i>                              | ECSF  | 2100         | saprophyte  | 97   | Ec  | Angiosperms+Gymnosp. |
| Caesalpiniaceae                      | <i>Senna</i>        | <i>sp.</i>  | ECSF  | 1900         | tree  | 98   | Ec  | Angiosperms+Gymnosp. |
| Calceolariaceae/<br>Scrophulariaceae | <i>Calceolaria</i>  |   | Cajanuma  | 3300 m       | herb, Paramo  | 99   | Ec  | Angiosperms+Gymnosp. |
| Campanulaceae                        | <i>Centropogon</i>  | <i>steyermarkii</i><br><i>Jepp.</i>               | Cajanuma  | 3000         |   | 100  | Ec  | Angiosperms+Gymnosp. |
| Campanulaceae                        | <i>Centropogon</i>  | <i>aff.</i><br><i>bruneotomentosu</i><br><i>s</i> | ECSF  | 1900 m       | shrub or tree, along<br>paths, shows<br>disturbance | 107  | Ec  | Angiosperms+Gymnosp. |

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|-------------------|----------------------|-----------------------|-------------------------|----------------------|-----------------------------|------|-----|----------------------|
| Campanulaceae     | <i>Centropogon</i>   | <i>comosus</i>        | Cajanuma, el mirador    | 3100 m               | herb                        | 108  | Ec  | Angiosperms+Gymnosp. |
| Campanulaceae     | <i>Centropogon</i>   | <i>steyermarkii</i>   | Cajanuma, el mirador    | 3000 m               | herb                        | 103  | Ec  | Angiosperms+Gymnosp. |
| Campanulaceae     | <i>cf. Lysipomia</i> |                       | Tres Lagunas            | 3780 m               | Paramo                      | 106  | Ec  | Angiosperms+Gymnosp. |
| Campanulaceae     | <i>Lysipomia</i>     | <i>sp.</i>            | Cerro Toledo            | 3145 m               |                             | 101  | Ec  | Angiosperms+Gymnosp. |
| Campanulaceae     | <i>Lysipomia</i>     | <i>laricina</i>       | Cordillera de Sabanilla | 3300-3500 m          | Herb, Paramo                | 104  | Ec  | Angiosperms+Gymnosp. |
| Campanulaceae     | <i>Siphocampylus</i> | <i>cf. scakens</i>    | cajanuma rezent         |                      |                             | 102  | Ec  | Angiosperms+Gymnosp. |
| Campanulaceae     | <i>Siphocampylus</i> | <i>scandens</i>       | Loma del oro            | 3000 m (from 1850 m) | shrub or vine, cloud forest | 105  | Ec  | Angiosperms+Gymnosp. |
| Capparaceae       | <i>Cleome</i>        | <i>sp.</i>            | Cerro Toledo            | 3145 m               |                             | 109  | Ec  | Angiosperms+Gymnosp. |
| Caprifoliaceae    | <i>Viburnum</i>      | <i>cf. obtectum</i>   | ECSF                    | 1800                 | tree                        | 110  | Ec  | Angiosperms+Gymnosp. |
| Caprifoliaceae    | <i>Viburnum</i>      | <i>obtectum</i>       | ECSF                    | 1900                 |                             | 111  | Ec  | Angiosperms+Gymnosp. |
| Caprifoliaceae    | <i>Viburnum</i>      | <i>obtectum</i>       | ECSF                    | 1800                 | shrub                       | 112  | Ec  | Angiosperms+Gymnosp. |
| Caprifoliaceae    | <i>Viburnum</i>      |                       | Cajanuma                | 2600 m               | UMF                         | 113  | Ec  | Angiosperms+Gymnosp. |
| Caryophyllaceae   | <i>Arenaria</i>      | <i>lanuginosa</i>     | ECSF                    | 1850 m               | herb, along paths           | 114  | Ec  | Angiosperms+Gymnosp. |
| Celastraceae      | <i>Celastrus</i>     | <i>sp.1</i>           | ECSF                    | 1850                 | liana                       | 115  | Ec  | Angiosperms+Gymnosp. |
| Ceratophyllaceae  | <i>Maytenus</i>      | <i>sp.1</i>           | ECSF                    | 1900                 | shrub                       | 116  | Ec  | Angiosperms+Gymnosp. |
| cf. Asteraceae    |                      |                       | Tres Lagunas            | 3780 m               | Paramo                      | 117  | Ec  | Angiosperms+Gymnosp. |
| cf. Valerianaceae |                      |                       | Tres Lagunas            | 3780 m               | Paramo                      | 118  | Ec  | Angiosperms+Gymnosp. |
| Chloranthaceae    | <i>Hedyosmum</i>     | <i>cumbalense</i>     | Cerro Toledo            |                      |                             | 119  | Ec  | Angiosperms+Gymnosp. |
| Chloranthaceae    | <i>Hedyosmum</i>     | <i>scabrum</i>        | Cerro Toledo            |                      |                             | 120  | Ec  | Angiosperms+Gymnosp. |
| Chloranthaceae    | <i>Hedyosmum</i>     | <i>sp.</i>            | Cerro Toledo            |                      |                             | 121  | Ec  | Angiosperms+Gymnosp. |
| Chrysobalanaceae  | <i>Licania</i>       | <i>cf. macrocarpa</i> | ECSF                    | 1860                 | tree                        | 122  | Ec  | Angiosperms+Gymnosp. |
| Clethraceae       | <i>Clethra</i>       | <i>fagifolia</i>      | Loma del Oro, Yacuambi  | 3000                 |                             | 123  | Ec  | Angiosperms+Gymnosp. |
| Clethraceae       | <i>Clethra</i>       | <i>fagifolia</i>      | Zamora Chinchipe, UTPL  | 2170                 | small tree                  | 124  | Ec  | Angiosperms+Gymnosp. |
| Clethraceae       | <i>Clethra</i>       | <i>fimbriata</i>      | Sabanilla               | 3100                 |                             | 125  | Ec  | Angiosperms+Gymnosp. |
| Clethraceae       | <i>Clethra</i>       | <i>revoluta</i>       | ECSF                    | 1850                 | tree                        | 126  | Ec  | Angiosperms+Gymnosp. |
| Clethraceae       | <i>Clethra</i>       | <i>revoluta</i>       | Cerro Toledo            |                      |                             | 127  | Ec  | Angiosperms+Gymnosp. |
| Clethraceae       | <i>Clethra</i>       | <i>sp.</i>            | Cerro Toledo            |                      |                             | 128  | Ec  | Angiosperms+Gymnosp. |

| Family        | Genus               | Species                                 | Location        | Altitude (m) | Life form                                 | IDNr | Sam | Klasse               |
|---------------|---------------------|---|-----------------|--------------|---|------|-----|----------------------|
| Clethraceae   | <i>Purdiaea</i>     | <i>nutans</i>                           | ECSF            | 2350 m       | shrub, treelet or tree;<br>Way to refugio | 129  | Ec  | Angiosperms+Gymnosp. |
| Clusiaceae    | <i>Chrysoclamys</i> | <i>sp.1</i>                             | ECSF            | 1930         | tree                                      | 130  | Ec  | Angiosperms+Gymnosp. |
| Clusiaceae    | <i>Clusia</i>       | <i>multiflora</i>                       | ECSF            | 2600         | tree                                      | 131  | Ec  | Angiosperms+Gymnosp. |
| Clusiaceae    | <i>Clusia</i>       | <i>sp.</i>                              | Cerro Toledo    | 3145 m       |   | 132  | Ec  | Angiosperms+Gymnosp. |
| Clusiaceae    | <i>Clusia</i>       | <i>multiflora</i>                       | ECSF            | 2600 m       | shrub or tree, cloud<br>forest            | 136  | Ec  | Angiosperms+Gymnosp. |
| Clusiaceae    | <i>Hypericum</i>    | <i>aciculare</i>                        | ECSF            | 2400         | shrub                                     | 133  | Ec  | Angiosperms+Gymnosp. |
| Clusiaceae    | <i>Hypericum</i>    | <i>cf. aciculare</i>                    | Cerro Toledo    | 3145 m       |   | 134  | Ec  | Angiosperms+Gymnosp. |
| Clusiaceae    | <i>Vismia</i>       | <i>lauriformis</i>                      | ECSF            | 2100         |   | 135  | Ec  | Angiosperms+Gymnosp. |
| Commelinaceae | <i>Tradescantia</i> | <i>fluminensis</i>                      | near Zamora     | 970 m        |   | 137  | Ec  | Angiosperms+Gymnosp. |
| Cucurbitaceae | <i>Psiguria</i>     | <i>triphylla</i>                        | Loma del oro    | 1500-1700 m  | cloud forest, vine                        | 138  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>auriculifera</i>                     | ECSF            | 2100         |   | 139  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>cochensis</i>                        | Lagunas Natosas | 3495 - 3385  |   | 140  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>cochensis</i>                        | Cajanuma rezent |              |   | 141  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>cumbalense</i>                       | Cerro Toledo    |              |   | 142  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>elliptica</i>                        | ECSF            | 2500         | shrub                                     | 143  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>fagaroides</i>                       | Cerro Toledo    |              |   | 144  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>loxensis</i>                         | Cerro Toledo    |              |   | 145  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>macrophylla</i>                      |                 | 2470         | shrub                                     | 146  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>rollottii</i>                        | Cerro Toledo    |              |   | 147  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>sorbifolia</i>                       | ECSF            | 1910         | tree                                      | 148  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>sp.</i>                              | Lagunas Natosas | 3495 - 3385  |   | 149  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>sp.</i>                              | Cerro Toledo    |              |   | 150  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>sp.</i>                              |                 |              |   | 151  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>pubescens</i>                        | ECSF            | 2100         |   | 152  | Ec  | Angiosperms+Gymnosp. |
| Cunoniaceae   | <i>Weinmannia</i>   | <i>brachystachya</i>                    | Cajanuma        | 3000         |   | 153  | Ec  | Angiosperms+Gymnosp. |
| Cyatheaceae   | <i>Alsophila</i>    | <i>cuspiata (Kunze)</i>                 | ECSF - T2       | 1900         |   | 549  | Ec  | Pteridophyta         |
| Cyatheaceae   | <i>Cnemidara</i>    | <i>evanii</i>                           | Yacuam.Zam.     | 1500         |   | 550  | Ec  | Pteridophyta         |
| Cyatheaceae   | <i>Cyathea</i>      | <i>conjugata</i>                        | ECSF            | 2100         |   | 551  | Ec  | Pteridophyta         |
| Cyatheaceae   | <i>Cyathea</i>      | <i>bipinnatifida<br/>(Willd.) Domin</i> | ECSF - T2       | 2100         |   | 552  | Ec  | Pteridophyta         |

| Family           | Genus                | Species                                       | Location                         | Altitude (m) | Life form | IDNr | Sam | Klasse               |
|------------------|----------------------|---|----------------------------------|--------------|-----------|------|-----|----------------------|
| Cyatheaceae      | <i>Cyathea</i>       | <i>caracasana</i>                             | Cerro Toledo                     |              |           | 561  | Ec  | Pteridophyta         |
| Cyatheaceae      | <i>Cyathea</i>       | <i>cf.delgadii</i><br><i>Sternb.</i>          | Rio Bambuscaro                   | 1200         |           | 553  | Ec  | Pteridophyta         |
| Cyatheaceae      | <i>Cyathea</i>       | <i>conjugata</i> (Hook.)<br><i>Tyron</i>      | ECSF - T2                        | 2100         |           | 554  | Ec  | Pteridophyta         |
| Cyatheaceae      | <i>Cyathea</i>       | <i>kalbreyeri</i>                             | Rio Bambuscaro                   | 1270         |           | 555  | Ec  | Pteridophyta         |
| Cyatheaceae      | <i>Cyathea</i>       | <i>peladensis</i>                             | ECSF - T2                        | 2100         |           | 556  | Ec  | Pteridophyta         |
| Cyatheaceae      | <i>Cyathea</i>       | <i>bipinnatifida</i>                          | ECSF                             | 2100         |           | 557  | Ec  | Pteridophyta         |
| Cyatheaceae      | <i>Cyathea</i>       | <i>kalbreyeri</i>                             | Podoc.NP                         | 1270         |           | 558  | Ec  | Pteridophyta         |
| Cyatheaceae      | <i>Cyathea</i>       | <i>peladensis</i>                             | ECSF                             | 2100         |           | 559  | Ec  | Pteridophyta         |
| Cyatheaceae      | <i>Sphaeropteris</i> | <i>quindiensis</i><br>(H.Karst.)R.M.Tyr<br>on | Nudo de Sabanilla                | 3100         |           | 560  | Ec  | Pteridophyta         |
| Cyperaceae       | <i>Carex</i>         | <i>bonplandii</i>                             | Lag. Negras                      | 3300-3500    |           | 154  | Ec  | Angiosperms+Gymnosp. |
| Cyperaceae       | <i>Oreobolus</i>     | <i>sp.</i>                                    | Lagunas Natosas                  | 3495 - 3385  |           | 155  | Ec  | Angiosperms+Gymnosp. |
| Cyrillaceae      | <i>Purdiaea</i>      | <i>nutans</i>                                 | ECSF                             | 2100         | tree      | 156  | Ec  | Angiosperms+Gymnosp. |
| Dennstaedtiaceae | <i>Dennstaedtia</i>  | <i>cicutaria</i> (Sw.)<br><i>Moore</i>        | Reserva La Zarza<br>(Zam.-Chin.) | 1500         |           | 562  | Ec  | Pteridophyta         |
| Dennstaedtiaceae | <i>Pterium</i>       | <i>aquilinum</i>                              | ECSF                             | 2000         |           | 563  | Ec  | Pteridophyta         |
| Dennstaedtiaceae | <i>Pterium</i>       | <i>arachnoideum</i><br>(Kallf.) Maxon         | Cordillera de<br>Sabanilla       | 2950         |           | 564  | Ec  | Pteridophyta         |
| Dennstaedtiaceae | <i>Pterium</i>       | <i>caudatum</i> (L.)<br><i>Maxon</i>          | ECSF                             | 2100         |           | 565  | Ec  | Pteridophyta         |
| Dicksoniaceae    | <i>Culcita</i>       | <i>coniifolia</i>                             | El Bosque<br>(Vilcabamba)        | 3200 - 3300  |           | 566  | Ec  | Pteridophyta         |
| Dicksoniaceae    | <i>Culcita</i>       | <i>coniifolia</i> (Baker)<br><i>Maxon</i>     | Nudo de Sabanilla                | 3100         |           | 567  | Ec  | Pteridophyta         |
| Dicksoniaceae    | <i>Cultia</i>        | <i>comiifolia</i>                             | Podoc.NP                         | 3200         |           | 568  | Ec  | Pteridophyta         |
| Dicksoniaceae    | <i>Dicksonia</i>     | <i>sellowiana</i> Hook.                       | Yacuambia (Zam.-<br>Chin.)       | 3000         |           | 569  | Ec  | Pteridophyta         |
| Dicksoniaceae    | <i>Dicksonia</i>     | <i>sellowiana</i>                             | ECSF                             | 3100         |           | 570  | Ec  | Pteridophyta         |
| Dioscoreaceae    | <i>Dioscorea</i>     | <i>sp.</i>                                    | ECSF                             | 1850         | climber   | 157  | Ec  | Angiosperms+Gymnosp. |
| Dioscoreaceae    | <i>Dioscorea</i>     |   | ECSF                             | 1850 m       | climber   | 158  | Ec  | Angiosperms+Gymnosp. |

| Family          | Genus                   | Species                                 | Location                      | Altitude (m) | Life form                | IDNr | Sam | Klasse               |
|-----------------|-------------------------|---|-------------------------------|--------------|--------------------------|------|-----|----------------------|
| DryoPteridaceae | <i>Athyrium</i>         | <i>felix-femina</i> (L.)<br><i>Roth</i> | Cordillera de Sabanilla       | 2950         |                          | 571  | Ec  | Pteridophyta         |
| DryoPteridaceae | <i>Diplazium</i>        | <i>ambiguum</i> Raddi                   | Reserva La Zarza (Zam.-Chin.) | 1500         |                          | 572  | Ec  | Pteridophyta         |
| DryoPteridaceae | <i>Diplazium</i>        | <i>lonchophyllum</i><br><i>Kunze</i>    | Reserva La Zarza (Zam.-Chin.) | 1500         |                          | 573  | Ec  | Pteridophyta         |
| DryoPteridaceae | <i>Megalastrum</i>      |   | ECSF - T1                     | 1800         |                          | 574  | Ec  | Pteridophyta         |
| DryoPteridaceae | <i>Polystichum</i>      | <i>nudicaule</i>                        | Cordillera de Sabanilla       | 3300 - 3500  |                          | 575  | Ec  | Pteridophyta         |
| DryoPteridaceae | <i>Polystichum</i>      | <i>platyphyllum</i><br><i>C.Presl.</i>  | Tapichalaca                   | 1600         |                          | 576  | Ec  | Pteridophyta         |
| DryoPteridaceae | <i>Polystichum</i>      | <i>stuebelii</i> Hieron.                | Cordillera de Sabanilla       | 2950         |                          | 577  | Ec  | Pteridophyta         |
| Ericaceae       | <i>Bejaria</i>          | <i>aestuans</i>                         | Cajanuma rezent               |              |                          | 159  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Bejaria</i>          | <i>aestuans</i>                         | ECSF                          | 2230         | shrub                    | 160  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Bejaria</i>          | <i>aestuans</i>                         |                               |              |                          | 161  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Bejaria</i>          | <i>resinosa</i>                         | Lagunas Natosas               | 3495 - 3385  |                          | 162  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Bejaria</i>          | <i>resinosa</i>                         | cajanuma rezent               |              |                          | 163  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Bejaria</i>          | <i>resinosa</i>                         | C.d.Sab.                      | 3400         |                          | 164  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Bejaria</i>          | <i>resinosa</i>                         | Kanalweg                      | 1820         |                          | 165  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Bejaria</i>          | <i>aestuans</i>                         | Cerro Toledo                  | 3145 m       |                          | 166  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Bejaria resinosa</i> | <i>resinosa</i>                         | Cajanuma                      | 3300 m       | shrub or tree;<br>Paramo | 213  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Cavendishia</i>      | <i>bracteata</i>                        | Kanalweg                      | 1820         |                          | 167  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Cavendishia</i>      | <i>nobilis</i>                          | Kanalweg                      | 1820         |                          | 168  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Cavendishia</i>      | <i>sp.</i>                              | Cerro Toledo                  |              |                          | 169  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Ceratostema</i>      | <i>alatum</i>                           | Sangay NP                     | 3400         |                          | 170  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Ceratostema</i>      | <i>reginaldii</i>                       | Cajanuma                      | 2850         |                          | 171  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Diogenesia</i>       | <i>floribunda</i>                       | ECSF                          | 2130         | scand.shrub              | 172  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Disterigma</i>       | <i>pentandrum</i>                       | ECSF,Caja.                    | 3200         | epiph.shrub              | 173  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Disterigma</i>       | <i>sp.</i>                              | Cerro Toledo                  | 3145 m       |                          | 174  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae       | <i>Disterigma</i>       | <i>alaternoides</i>                     | EL Tiro                       | 2840         |                          | 175  | Ec  | Angiosperms+Gymnosp. |

| Family    | Genus                 | Species               | Location        | Altitude (m) | Life form                | IDNr | Sam | Klasse               |
|-----------|-----------------------|-----------------------|-----------------|--------------|--------------------------|------|-----|----------------------|
| Ericaceae | <i>Disterigma</i>     | <i>alaternoides</i>   | ECSF            | 2000 m       | shrub, open place<br>UMF | 211  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Disterigma</i>     | <i>cf. humboldtii</i> | EL Tiro         |              |                          | 176  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Disterigma</i>     | <i>codonanthum</i>    | L. Negra        | 3400         |                          | 177  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Erythrina</i>      | <i>sp.1</i>           | ECSF            | 1920         | treelet                  | 178  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>erecta</i>         | C.d.Sab.,ECSF   | 3100         | shrub                    | 179  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>erecta</i>         | cajanuma rezent |              |                          | 180  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>erecta</i>         | el Tiro         | 2840         |                          | 181  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>erecta</i>         | Str. Loja-Zam.  | 2840         |                          | 182  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>erecta</i>         |                 |              |                          | 183  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>reticulata</i>     | ECSF            | 2450         | treelet                  | 184  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>sp.</i>            | Lagunas Natosas | 3495 - 3385  |                          | 185  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>sp.1</i>           | Lagunas Natosas | 3495 - 3385  |                          | 186  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>amoena</i>         | L. Negra        | 3400         |                          | 187  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>foliolosa</i>      | ECSF            | 2700         |                          | 188  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>glomerata</i>      | C.d.Sab.        | 3100         |                          | 189  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>lanigera</i>       | Prov.Zam.       | 3400         |                          | 190  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>reticulata</i>     | Cerro Toledo    |              |                          | 191  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>reticulata</i>     | Cajanuma        | 3300 m       | Paramo                   | 212  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Gaultheria</i>     | <i>tomentosa</i>      | C.d.Sab.        | 3100         |                          | 192  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Macleania</i>      | <i>benthamiana</i>    | Cajanuma        | 2850         |                          | 193  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Macleania</i>      | <i>cf mollis</i>      | ECSF            |              | shrub                    | 194  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Pernettya</i>      | <i>prostrata</i>      | Cerro Toledo    | 3145 m       |                          | 195  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Psammisia</i>      | <i>guianensis</i>     | Atajo           | 1900         |                          | 196  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Sphyraspermum</i>  | <i>cordifolium</i>    | el tiro         | 2840         |                          | 197  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Themistoclesia</i> | <i>epiphytica</i>     | Cerro Toledo    | 3145 m       |                          | 198  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Vaccinium</i>      | <i>floribundum</i>    | L.Negra,ECSF    | 3400         |                          | 199  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | <i>Vaccinium</i>      | <i>floribundum</i>    | UTPL-Fläche     | 1860         |                          | 200  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | x                     | <i>sp.</i>            | ECSF            | 2130         |                          | 201  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | x                     | <i>sp.</i>            | Bombuscaro      | 1100         | epiph.shrub              | 202  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | x                     | <i>sp.</i>            |                 |              |                          | 203  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | x                     | <i>sp.</i>            |                 |              |                          | 204  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | x                     | <i>sp.10</i>          |                 |              |                          | 205  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae | x                     | <i>sp.18</i>          |                 |              |                          | 206  | Ec  | Angiosperms+Gymnosp. |

| Family               | Genus                | Species                   | Location                                    | Altitude (m) | Life form  | IDNr | Sam | Klasse               |
|----------------------|----------------------|---------------------------|---|--------------|--|------|-----|----------------------|
| Ericaceae            | x                    | <i>sp.3</i>               |   |              |  | 207  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae            | x                    | x                         | Lagunas Natosas                             | 3495 - 3385  |  | 208  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae            | x                    | x                         | Lagunas Natosas                             | 3495 - 3385  |  | 209  | Ec  | Angiosperms+Gymnosp. |
| Ericaceae            | x                    | x                         | Lagunas Natosas                             | 3495 - 3385  |  | 210  | Ec  | Angiosperms+Gymnosp. |
| Eriocaulaceae        | <i>Paepalanthus</i>  | <i>meridensis</i>         | ECSF  | 2100         | herb   | 214  | Ec  | Angiosperms+Gymnosp. |
| Erythroxylaceae      | <i>Erythroxylum</i>  | <i>sp.</i>                |   |              |  | 215  | Ec  | Angiosperms+Gymnosp. |
| Escalloniaceae/Gross | <i>Escallonia</i>    | <i>cf. myrtilloides</i>   | Cajanuma                                    | 3300 m       | Paramo, shrub or tree                                      | 216  | Ec  | Angiosperms+Gymnosp. |
| Euphorbiaceae        | <i>Croton</i>        | <i>rivinifolius Knuth</i> | El Tundo, Sozoranga                         | 1800-2000    |  | 217  | Ec  | Angiosperms+Gymnosp. |
| Euphorbiaceae        | <i>Hyeronima</i>     |                           | Loja. Road Loja-Zamora, ca. 35 km from Loja | 2230         |  | 218  | Ec  | Angiosperms+Gymnosp. |
| Euphorbiaceae        | <i>Hyeronima</i>     |                           | ECSF  | 1920 m       | tree   | 221  | Ec  | Angiosperms+Gymnosp. |
| Euphorbiaceae        | <i>Phyllanthus</i>   | <i>dubifolia H.B.K.</i>   | El Tundo, Sozoranga                         | 1800-2000    |  | 219  | Ec  | Angiosperms+Gymnosp. |
| Euphorbiaceae        | x                    | <i>sp.1</i>               | Sabanilla                                   | 1995         | treelet  | 220  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Abarema</i>       | <i>killipii</i>           | ECSF  | 1900         | tree   | 222  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Abarema</i>       | <i>killipii</i>           | ECSF  | 2100         | tree   | 223  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Abarema</i>       | <i>killipii</i>           |   |              |  | 224  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Crotalaria</i>    | <i>sp.1</i>               | ECSF  | 1840         | terr.herb  | 225  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Desmodium</i>     | <i>campyloclados</i>      | ECSF  | 1900 m       | vine, landslides different states, next to way (disturbed) | 229  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Erythrina</i>     |                           | ECSF  | 1880 m       | tree   | 230  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Erythrina</i>     | <i>sp.</i>                | ECSF  | 1920         |  | 226  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Lupinus</i>       | <i>sp.</i>                | Lagunas Natosas                             | 3495 - 3385  |  | 227  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Lupinus</i>       | <i>cf. semperflorens</i>  | Tres Lagunas                                | 3788         |  | 228  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Lupinus</i>       | <i>purdieanus</i>         | Loma del oro                                | 3400 m       | herb, Paramo cerca de las lagunas de Condorcillo           | 231  | Ec  | Angiosperms+Gymnosp. |
| Fabaceae             | <i>Lupinus spec.</i> |                           | Tres Lagunas                                | 3780 m       | herb, Paramo   | 232  | Ec  | Angiosperms+Gymnosp. |

| Family         | Genus                | Species                                 | Location   | Altitude (m) | Life form                             | IDNr | Sam | Klasse               |
|----------------|----------------------|---|--|--------------|---------------------------------------|------|-----|----------------------|
| Family         | Genus                | Species                                 | Location   | Altitude (m) |                                       | 543  | Ec  | Pteridophyta         |
| Flacourtiaceae | <i>Abatia</i>        | <i>parviflora</i>                       | ECSF   | 2570         | treelet                               | 233  | Ec  | Angiosperms+Gymnosp. |
| Flacourtiaceae | <i>Casearia</i>      | <i>sylvestris</i>                       | Sabanilla  | 2800         |                                       | 234  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Gentiana</i>      | <i>sedifolia</i>                        | L. Negra   | 3400         |                                       | 235  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Gentianella</i>   | <i>cf rapunculoides</i>                 | Lagunas Natosas  | 3495 - 3385  |                                       | 236  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Gentianella</i>   | <i>flor blanca</i>                      | Tres Lagunas   | 3788         |                                       | 237  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Gentianella</i>   | <i>sp.</i>                              | Cerro Toledo   | 3145 m       |                                       | 238  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Gentianella</i>   | <i>sp.</i>                              | Lagunas Natosas  | 3495 - 3385  |                                       | 239  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Gentianella</i>   | <i>sp.</i>                              | Tres Lagunas   | 3788         |                                       | 240  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Gentianella</i>   | <i>gillioides</i>                       | cajanuma rezent  | 2400         |                                       | 241  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Gentianella</i>   | <i>androsacea</i>                       | L.Negra  | 3400         |                                       | 242  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Halenia</i>       | <i>sp.</i>                              | Lagunas Natosas  | 3495 - 3385  |                                       | 243  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Halenia</i>       | <i>Weddelliana</i>                      | Tres Lagunas   | 3780 m       | Paramo                                | 248  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Macrocarpaea</i>  | <i>revoluta</i>                         | ECSF   | 2340         | tree                                  | 244  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Macrocarpaea</i>  | <i>revoluta</i>                         | nach Behling   |              |                                       | 245  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   | <i>Tapeinostemon</i> | <i>zamoranum</i>                        | ECSF   | 2250         | terr. herb                            | 246  | Ec  | Angiosperms+Gymnosp. |
| Gentianaceae   |                      |   | Tres Lagunas   | 3780 m       | herb, Paramo                          | 247  | Ec  | Angiosperms+Gymnosp. |
| Geraniaceae    | <i>Geranium</i>      | <i>sibbaldioides</i><br><i>Benth</i>    | Lag. Negras. cerca de la carretera Jimbura-Zumba, bosque nublado alrededor de la Laguna Negra, muy humedo, inclinacion 0-25° | 3400         |                                       | 250  | Ec  | Angiosperms+Gymnosp. |
| Geraniaceae    | <i>Geranium</i>      | <i>sp.</i>                              | Cerro Toledo   | 3145 m       |                                       | 249  | Ec  | Angiosperms+Gymnosp. |
| Gesneriaceae   | <i>Besleria</i>      |   | Cajanuma   | 3300 m       | shrub, Paramo                         | 252  | Ec  | Angiosperms+Gymnosp. |
| Gesneriaceae   | <i>Kohleria</i>      | <i>spicata (Knuth)</i><br><i>Oerst.</i> | Loma del Oro, Yacuambi   | 1500-1700    |                                       | 251  | Ec  | Angiosperms+Gymnosp. |
| Gesneriaceae   | <i>Kohleria</i>      | <i>spicata</i>                          | Loma del oro   | 1500-1700 m  | herb, subshrub or shrub, moist forest | 253  | Ec  | Angiosperms+Gymnosp. |
| Gleicheniaceae | <i>Dicranopteris</i> | <i>pectinata</i>                        | ECSF   | 2200 m       |                                       | 579  | Ec  | Pteridophyta         |

| Family          | Genus                  | Species  | Location                         | Altitude (m) | Life form | IDNr | Sam | Klasse               |
|-----------------|------------------------|--|----------------------------------|--------------|-----------|------|-----|----------------------|
| Gleicheniaceae  | <i>Sticherus</i>       | <i>bifidus</i> (Willd.)<br><i>Cluing</i>                       | Rio Bambuscaro                   | 1100         |           | 578  | Ec  | Pteridophyta         |
| Gleicheniaceae  | <i>Sticherus</i>       | <i>bifidus</i>   | Bombuscaro                       | 1100 m       |           | 580  | Ec  | Pteridophyta         |
| Gleicheniaceae  | <i>Sticherus</i>       | <i>bifidus</i>   | Rio Bombuscaro                   | 1100 m       |           | 581  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Cochlidium</i>      | <i>linearifolium</i><br>(Desr.) Maxon ex<br>C.Chr.             | ECSF - T2                        | 2100         |           | 582  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Cochlidium</i>      |  | ECSF                             | 1900         |           | 583  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Grammitis</i>       | <i>dependens</i>   | Cordillera de<br>Sabanilla       | 2950         |           | 584  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Grammitis</i>       | <i>dependens</i>   | Cordillera de<br>Sabanilla       | 3400         |           | 585  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Grammitis</i>       | <i>farinosa</i> (Hook.)<br>Morton                              | Cordillera de<br>Sabanilla       | 2950         |           | 586  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Lellingeria</i>     |  | Reserva La Zarza<br>(Zam.-Chin.) | 1500         |           | 587  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Lellingeria</i>     |  | ECSF - T1                        | 2600         |           | 588  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Micropolypodium</i> | <i>aphelolepis</i> (C.V.<br>Morton) A.R.Sm                     | Cordillera de<br>Sabanilla       | 3300 - 3500  |           | 589  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Terpsichore</i>     | <i>alsopteris</i>  | Yacuambia (Zam.-<br>Chin.)       | 1500 - 1700  |           | 590  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Terpsichore</i>     | <i>alsopteris</i><br>(Morton) A.R. Sm<br>& R.C.Moran           | Cordillera de<br>Sabanilla       | 3100         |           | 591  | Ec  | Pteridophyta         |
| Grammitidaceae  | <i>Terpsichore</i>     | <i>heteromorpha</i><br>(Hook & Gres)<br>A.R. Sm &<br>R.C.Moran | Cajas NP                         | 3800 - 4000  |           | 592  | Ec  | Pteridophyta         |
| Grossulariaceae | <i>cf. Escallonia</i>  | <i>paniculata</i>  | Cerro Toledo                     | 3145 m       |           | 254  | Ec  | Angiosperms+Gymnosp. |
| Grossulariaceae | <i>Escallonia</i>      | <i>paniculata</i>  | ECSF                             | 1870         | tree      | 255  | Ec  | Angiosperms+Gymnosp. |
| Grossulariaceae | <i>Escallonia</i>      | <i>paniculata</i>  | ECSF                             | 1900         |           | 256  | Ec  | Angiosperms+Gymnosp. |
| Grossulariaceae | <i>Escallonia</i>      | <i>paniculata</i>  | El Cristal                       | 2000 m       | Bog       | 259  | Ec  | Angiosperms+Gymnosp. |

| Family           | Genus                                | Species                                     | Location                   | Altitude (m) | Life form                   | IDNr | Sam | Klasse               |
|------------------|--------------------------------------|---|----------------------------|--------------|-----------------------------|------|-----|----------------------|
| Grossulariaceae  | <i>Ribes</i>                         | <i>andicola Jancz.</i>                      | Jimbura-Zumba              | 3400         |                             | 257  | Ec  | Angiosperms+Gymnosp. |
| Grossulariaceae  | <i>Ribes</i>                         | <i>ecuadorensis</i>                         | C.d.Sab.                   | 3100         |                             | 258  | Ec  | Angiosperms+Gymnosp. |
| Gunneraceae      | <i>Gunnera</i>                       | <i>atropurpurea</i>                         | Lag. Negras                | 2950         |                             | 260  | Ec  | Angiosperms+Gymnosp. |
| Gunneraceae      | <i>Gunnera</i>                       | <i>sp.</i>                                  | Cerro Toledo               | 3145 m       |                             | 261  | Ec  | Angiosperms+Gymnosp. |
| Hydrangaeaceae   | <i>Hydrangaea</i>                    | <i>cf. Peruviana</i>                        | El Tiro                    | 2600 m       | vine, subparamo             | 262  | Ec  | Angiosperms+Gymnosp. |
| Hymenophyllaceae | <i>Hymenophyllum</i>                 | <i>myriocarpum</i><br><i>Hook</i>           | Cordillera de<br>Sabanilla | 3100         |                             | 593  | Ec  | Pteridophyta         |
| Hymenophyllaceae | <i>Hymenophyllum</i>                 | <i>plumieri</i>                             | Rio Bambuscaro             | 1200         |                             | 594  | Ec  | Pteridophyta         |
| Hymenophyllaceae | <i>Hymenophyllum</i>                 | <i>pyramidatum</i><br><i>Desr.</i>          | Nudo de Sabanilla          | 2800         |                             | 595  | Ec  | Pteridophyta         |
| Hymenophyllaceae | <i>Hymenophyllum</i>                 | <i>ruizianum (Kl.)</i><br><i>Kze</i>        | El Bosque<br>(Vilcabamba)  | 3200 - 3300  |                             | 596  | Ec  | Pteridophyta         |
| Hymenophyllaceae | <i>Trichomanis</i>                   | <i>cf. redicans</i>                         | ECSF - T2                  | 2100         |                             | 597  | Ec  | Pteridophyta         |
| Hypericaceae     | <i>Hypericum</i>                     | <i>laricifolium</i>                         | cajanuma rezent            |              |                             | 263  | Ec  | Angiosperms+Gymnosp. |
| Hypericaceae     | <i>Hypericum</i>                     |   | Cajanuma                   | 3300 m       | Paramo                      | 264  | Ec  | Angiosperms+Gymnosp. |
| Hypericaceae     | <i>Hypericum</i>                     | <i>laricifolium</i>                         | Tres Lagunas               | 3780 m       | shrub or treelet,<br>Paramo | 265  | Ec  | Angiosperms+Gymnosp. |
| Icacinaceae      | <i>Discophora</i>                    | <i>cf. guianensis</i>                       | ECSF                       | 1801         |                             | 267  | Ec  | Angiosperms+Gymnosp. |
| Icacinaceae      | <i>Discophora</i>                    | <i>cf. montana</i>                          | ECSF                       | 1800         | tree                        | 266  | Ec  | Angiosperms+Gymnosp. |
| Icacinaceae      | <i>Discophora</i>                    |   | ECSF                       | 1801         | tree                        | 268  | Ec  | Angiosperms+Gymnosp. |
| Iridaceae        | <i>Orthrosanthus</i>                 | <i>chimboracensis</i>                       | cajanuma rezent            |              |                             | 269  | Ec  | Angiosperms+Gymnosp. |
| Iridaceae        | <i>Orthrosanthus</i>                 | <i>chimboracensis</i>                       | Cajanuma                   | 3200 M       | Herb, Paramo                | 270  | Ec  | Angiosperms+Gymnosp. |
| Lamiaceae        | <i>Hyptidendron</i>                  | <i>arboreum</i>                             | ECSF                       | 1890         | tree                        | 271  | Ec  | Angiosperms+Gymnosp. |
| Lamiaceae        | <i>Hyptidendron</i>                  | <i>arboreum (Benth)</i><br><i>R. Harley</i> | Loja                       | ?            |                             | 272  | Ec  | Angiosperms+Gymnosp. |
| Lauraceae        | <i>Endlicheria</i>                   | <i>oreocola</i>                             | ECSF                       | 2030 m       | tree                        | 276  | Ec  | Angiosperms+Gymnosp. |
| Lauraceae        | <i>Nectandra</i>                     | <i>lineatifolia</i>                         | ECSF                       | 1960 m       | tree                        | 275  | Ec  | Angiosperms+Gymnosp. |
| Lauraceae        | <i>Ocotea</i>                        | <i>sp.7</i>                                 | ECSF                       | 1880         | tree                        | 273  | Ec  | Angiosperms+Gymnosp. |
| Lauraceae        | <i>Ocotea</i>                        | <i>aciphylla</i>                            | ECSF                       | 2060 m       | tree                        | 277  | Ec  | Angiosperms+Gymnosp. |
| Lauraceae        | <i>Rhodostemonoda</i><br><i>phne</i> | <i>cf. kunthiana</i>                        | ECSF                       | 1920         | tree                        | 274  | Ec  | Angiosperms+Gymnosp. |
| Lauraceae        | <i>Rhodostemonoda</i><br><i>phne</i> | <i>kunthiana</i>                            | ECSF                       | 2050 m       | tree                        | 278  | Ec  | Angiosperms+Gymnosp. |

| Family               | Genus                                  | Species                                   | Location                   | Altitude (m) | Life form                                   | IDNr | Sam | Klasse               |
|----------------------|--|---|----------------------------|--------------|---|------|-----|----------------------|
| Lecythidaceae        | <i>Eschweilera</i>                     | <i>sessilis</i>                           | ECSF                       | 2230         | tree  | 279  | Ec  | Angiosperms+Gymnosp. |
| Lecythidaceae        | <i>Eschweilera</i>                     | <i>sessilis</i>                           |                            | 2320         |   | 280  | Ec  | Angiosperms+Gymnosp. |
| Lecythidaceae        | <i>Eschweilera</i>                     | <i>sessilis</i>                           | ECSF                       | 2320 m       | shrub                                       | 281  | Ec  | Angiosperms+Gymnosp. |
| Liliaceae            | <i>Tofieldia</i>                       | <i>calyculata</i>                         | Podoc.NP                   | 3400         |   | 282  | Ec  | Angiosperms+Gymnosp. |
| Loasaceae            | <i>Loasa</i>                           | <i>loxens</i>                             | Ecuador                    | 3100         |   | 283  | Ec  | Angiosperms+Gymnosp. |
| Loasaceae            | <i>Nasa</i>                            | <i>loxensis</i>                           | Azuay, Cajas               | 3100 m       | herb, Laguna Llaviucu<br>to Rio Taila Chugo | 284  | Ec  | Angiosperms+Gymnosp. |
| Lobeliaceae          | <i>Centropogon</i>                     | <i>capitatus Drake</i>                    | ECSF                       | 1900         |   | 285  | Ec  | Angiosperms+Gymnosp. |
| Loganiaceae          | <i>Desfontainia</i>                    | <i>spinosa</i>                            | ECSF                       | 2680         | shrub                                       | 286  | Ec  | Angiosperms+Gymnosp. |
| Lomariopsidaceae     | <i>Elaphoglossum</i>                   | <i>ciliatum</i><br>(C.Pressl.)<br>T.Moore | ECSF                       | 1900         |   | 598  | Ec  | Pteridophyta         |
| Lomariopsidaceae     | <i>Elaphoglossum</i>                   |   | ECSF - T1                  | 1900         |   | 599  | Ec  | Pteridophyta         |
| Lomariopsidaceae     | <i>Elaphoglossum</i>                   |   | Cordillera de<br>Sabanilla | 3400         |   | 600  | Ec  | Pteridophyta         |
| Lophosoriaceae       | <i>Lophosoria</i>                      | <i>quadripinnata</i><br>(Gmel) C.Chr.     | ECSF                       | 1850         |   | 601  | Ec  | Pteridophyta         |
| Loranthaceae         | <i>Aethanthus</i>                      | <i>nodosus</i>                            | ECSF                       | 2190         | shrub                                       | 287  | Ec  | Angiosperms+Gymnosp. |
| Loranthaceae         | <i>Aethanthus</i>                      | <i>nodosus</i>                            | ECSF                       | 2190 m       | parasitic<br>shrub;parasite on<br>Rubiaceae | 294  | Ec  | Angiosperms+Gymnosp. |
| Loranthaceae         | <i>Dendrophthora/<br/>Dendrophthoe</i> | <i>lindeana</i>                           | C.d. Sabanilla             | 3100         |   | 288  | Ec  | Angiosperms+Gymnosp. |
| Loranthaceae         | <i>Gaiadendron</i>                     | <i>punctatum</i>                          | L.Negra,ESCF               | 3400         | shrub                                       | 289  | Ec  | Angiosperms+Gymnosp. |
| Loranthaceae         | <i>Gaiadendron</i>                     | <i>punctatum (R&amp;P)</i><br>G. Don      | Lag. Negras                | 3300-3500    |   | 290  | Ec  | Angiosperms+Gymnosp. |
| Loranthaceae         | <i>sp (cf<br/>Phrygilanthus)</i>       |   | Loja, Catamayo<br>road     | 1700         |   | 293  | Ec  | Angiosperms+Gymnosp. |
| Loranthaceae         | <i>Tristerix</i>                       | <i>longebracteatus</i>                    | Cajas NP                   | 3400         |   | 291  | Ec  | Angiosperms+Gymnosp. |
| Loranthaceae         | <i>x</i>                               | <i>x</i>                                  | Prov.Loja                  | 1700         |   | 292  | Ec  | Angiosperms+Gymnosp. |
| Loranthaceae/ Viscag | <i>Dendrophthora</i>                   | <i>polyantha</i>                          | ECSF                       | 2100 m       | parasitic shrub                             | 295  | Ec  | Angiosperms+Gymnosp. |
| Lycopodiaceae        | <i>Huperzia</i>                        | <i>cf brevifolia</i>                      | Lagunas Natosas            | 3498 - 3385  |   | 603  | Ec  | Pteridophyta         |

| Family          | Genus                 | Species                                    | Location                         | Altitude (m) | Life form                               | IDNr | Sam | Klasse               |
|-----------------|-----------------------|--|----------------------------------|--------------|---|------|-----|----------------------|
| Lycopodiaceae   | <i>Huperzia</i>       | <i>kuesteri</i> (Nessel)<br><i>B.Ollg.</i> | Cajanuma (Lag.De<br>Compadres)   | 3200         |   | 604  | Ec  | Pteridophyta         |
| Lycopodiaceae   | <i>Huperzia</i>       | <i>affinis</i>                             | Ecuador                          | 3850         |   | 602  | Ec  | Pteridophyta         |
| Lycopodiaceae   | <i>Huperzia</i>       | <i>crassa</i>                              | Tres Lagunas                     | 3780 m       |   | 606  | Ec  | Pteridophyta         |
| Lycopodiaceae   | <i>Huperzia spec.</i> |  | ECSF, camino<br>canal            | 1800 m       |   | 607  | Ec  | Pteridophyta         |
| Lycopodiaceae   | <i>Lycopodiella</i>   | <i>cernua</i>                              | ECSF                             | 1900         |   | 605  | Ec  | Pteridophyta         |
| Malpighiaceae   | <i>Banisteriopsis</i> | <i>padifolia</i>                           | ECSF                             | 2270 m       | liana                                   | 298  | Ec  | Angiosperms+Gymnosp. |
| Malpighiaceae   | <i>Byrsonima</i>      | <i>sp.1</i>                                | ECSF                             | 1880         | tree                                    | 296  | Ec  | Angiosperms+Gymnosp. |
| Malpighiaceae   | <i>Byrsonima</i>      |  | ECSF                             | 1880 m       | tree                                    | 299  | Ec  | Angiosperms+Gymnosp. |
| Malpighiaceae   | <i>Stigmaphyllon</i>  | <i>sarmentosum</i>                         | ECSF                             | 1900         | liana                                   | 297  | Ec  | Angiosperms+Gymnosp. |
| Malvaceae       | <i>Malvastrum</i>     | <i>tomentosum</i>                          | Prov.Loja                        | 3000         |   | 300  | Ec  | Angiosperms+Gymnosp. |
| Malvaceae       | <i>Wissadula</i>      | <i>grandifolia</i>                         | Vilcabamba                       | 1700         |   | 301  | Ec  | Angiosperms+Gymnosp. |
| Marattiaceae    | <i>Danaea</i>         |  | Reserva La Zarza<br>(Zam.-Chin.) | 1500         |   | 608  | Ec  | Pteridophyta         |
| Marcgraviaceae  | <i>Ruyschia</i>       |  | ECSF                             | 1810 m       | open secondary TMF,<br>scrambling shrub | 302  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Axinea</i>         | <i>macrophylla</i>                         | Cerro Toledo                     |              |   | 303  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Axinea</i>         | <i>sp.</i>                                 | Cerro Toledo                     |              |   | 304  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Brachyotum</i>     | <i>alpinum Cogn.</i>                       | Lag. Negras                      | 3300-3500    |   | 305  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Brachyotum</i>     | <i>cf. rugosum</i>                         | Cerro Toledo                     | 3145 m       |   | 306  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Brachyotum</i>     | <i>rugosum</i>                             | Cerro Toledo                     | 3145 m       |   | 307  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Brachyotum</i>     | <i>sp.</i>                                 | Cerro Toledo                     | 3145 m       |   | 308  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Brachyotum</i>     | <i>sp.</i>                                 | Lagunas Natosas                  | 3495 - 3385  |   | 309  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Brachyotum</i>     |  |                                  |              |   | 310  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Huberia</i>        | <i>peruviana</i>                           | ECSF                             | 2000 m       | border LMF/UMF                          | 323  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Meriania</i>       | <i>cf.loxensis</i>                         |                                  |              |   | 311  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Miconia</i>        | <i>namandensis</i>                         | Cerro Toledo                     |              |   | 312  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Miconia</i>        | <i>dodsonii</i>                            | Cerro Toledo                     |              |   | 313  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Miconia</i>        | <i>jahnii</i>                              | Cerro Toledo                     |              |   | 314  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Miconia</i>        | <i>ligustrina</i>                          | Cerro Toledo                     |              |   | 315  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Miconia</i>        | <i>micropetala</i>                         | Cerro Toledo                     |              |   | 316  | Ec  | Angiosperms+Gymnosp. |

| Family          | Genus              | Species                            | Location                | Altitude (m) | Life form               | IDNr | Sam | Klasse               |
|-----------------|--------------------|------------------------------------|-------------------------|--------------|-------------------------|------|-----|----------------------|
| Melastomataceae | <i>Miconia</i>     | <i>sp. 1</i>                       | Cerro Toledo            |              |                         | 317  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Miconia</i>     | <i>sp. 2</i>                       | Cerro Toledo            |              |                         | 318  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Miconia</i>     | <i>theaezans</i>                   | Cerro Toledo            |              |                         | 319  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Miconia</i>     | <i>tinifolia</i>                   | Cerro Toledo            |              |                         | 320  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Tibouchina</i>  | <i>sp</i>                          | Cerro Toledo            | 3145 m       |                         | 321  | Ec  | Angiosperms+Gymnosp. |
| Melastomataceae | <i>Tibouchina</i>  | <i>sp.</i>                         | Cerro Toledo            |              |                         | 322  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Cedrela</i>     | <i>montana</i>                     | Vilcabamba              | 1600         |                         | 324  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Cedrela</i>     | <i>montana Moritz ex Turcz.</i>    | Vilcabamba              | 1900         |                         | 325  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Cedrela</i>     | <i>odorata L.</i>                  | Loja, Canton Olmeda     | 1660         |                         | 326  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Ruagea</i>      | <i>cf. pubescens</i>               | Zam.-Chin.              | 1500         |                         | 327  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Ruagea</i>      | <i>glabra</i>                      | ECSF                    | 2000         | tree                    | 328  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Ruagea</i>      | <i>glabra</i>                      | Loja                    | 2000         |                         | 329  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Ruagea</i>      | <i>glabra Triana &amp; Planch.</i> | Nudo de Cajanuma        | 2900         |                         | 330  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Ruagea</i>      | <i>glabra Triana &amp; Planch.</i> | Carchi, Mira Canton     | 1700         |                         | 331  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Ruagea</i>      | <i>kuntiana Adr. Jussieu</i>       | Zam.-Chin., Nangaritzza | 900          |                         | 332  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Ruagea</i>      | <i>pubescens</i>                   | Prov.del Oro            | 2700         |                         | 333  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Ruagea</i>      | <i>sabra</i>                       | ECSF                    | 2000         |                         | 334  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Trichilia</i>   | <i>hirta L.</i>                    | Loja, El Oro            | 450          |                         | 335  | Ec  | Angiosperms+Gymnosp. |
| Meliaceae       | <i>Trichilia</i>   | <i>pittieri C.Dc.</i>              | Pompeya, Sachos Canton  | 250          |                         | 336  | Ec  | Angiosperms+Gymnosp. |
| Menispermaceae  | <i>Hyperbaena</i>  | <i>sp.</i>                         | ECSF                    | 1900         |                         | 337  | Ec  | Angiosperms+Gymnosp. |
| Menispermaceae  | <i>Hyperbaena</i>  |                                    | ECSF                    | 1900 m       | disturbed forest, liana | 339  | Ec  | Angiosperms+Gymnosp. |
| Menispermaceae  | <i>Odontocarya</i> | <i>floribunda</i>                  | ECSF                    | 1900         |                         | 338  | Ec  | Angiosperms+Gymnosp. |
| Menispermaceae  | <i>Odontocarya</i> | <i>floribunda</i>                  | ECSF                    | 1900 m       | herbaceous vine         | 340  | Ec  | Angiosperms+Gymnosp. |
| Mimosaceae      | <i>Inga</i>        | <i>sp.</i>                         | ECSF                    | 1890         | tree                    | 341  | Ec  | Angiosperms+Gymnosp. |
| Mimosaceae      | <i>Inga</i>        | <i>sp.</i>                         | ECSF                    | 1870         | tree                    | 342  | Ec  | Angiosperms+Gymnosp. |
| Mimosaceae      | <i>Inga</i>        |                                    | ECSF                    | 1870 m       | tree                    | 343  | Ec  | Angiosperms+Gymnosp. |
| Moraceae        | <i>Ficus</i>       | <i>krukovii</i>                    | ECSF                    | 2100 m       | hemiepiphyte            | 344  | Ec  | Angiosperms+Gymnosp. |

| Family        | Genus              | Species                              | Location                                 | Altitude (m) | Life form   | IDNr | San | Klasse               |
|---------------|--------------------|--------------------------------------|--|--------------|---|------|-----|----------------------|
| Myricaceae    | <i>Myrica</i>      | <i>pubescens</i>                     | ECSF                                     | 1900 m       | shrub, treelet or tree  | 345  | Ec  | Angiosperms+Gymnosp. |
| Myrsinaceae   | <i>Cybianthus</i>  | <i>marginatus</i>                    | ECSF                                     | 1900         | shrub   | 346  | Ec  | Angiosperms+Gymnosp. |
| Myrsinaceae   | <i>Cybianthus</i>  | <i>marginatus</i><br>(Benth) Pipoly. | ECSF, T.1                                | 1900         |   | 347  | Ec  | Angiosperms+Gymnosp. |
| Myrsinaceae   | <i>Cybianthus</i>  | <i>marginatus</i>                    | Cerro Toledo                             |              |   | 348  | Ec  | Angiosperms+Gymnosp. |
| Myrsinaceae   | <i>Geissanthus</i> | <i>vanderwerffii</i>                 | ECSF                                     | 2600         |   | 349  | Ec  | Angiosperms+Gymnosp. |
| Myrsinaceae   | <i>Geissanthus</i> |                                      | Cajanuma                                 | 3300 m       | Paramo  | 351  | Ec  | Angiosperms+Gymnosp. |
| Myrsinaceae   | <i>Geissanthus</i> | <i>vanderwerffii</i>                 | "el bosque"<br>Vilcabamba                | 2600 m       | cloud forest, shrub,<br>treelet or tree   | 352  | Ec  | Angiosperms+Gymnosp. |
| Myrsinaceae   | <i>x</i>           | <i>x</i>                             |  |              |   | 350  | Ec  | Angiosperms+Gymnosp. |
| Myrtaceae     | <i>Myrcia</i>      |                                      | Loja                                     | 2520         |   | 353  | Ec  | Angiosperms+Gymnosp. |
| Myrtaceae     | <i>Myrcia</i>      | <i>cf aliena</i>                     | ECSF                                     | 1890         | tree  | 354  | Ec  | Angiosperms+Gymnosp. |
| Myrtaceae     | <i>Syzygium</i>    | <i>jambos</i>                        | Loma del oro                             | 1500-1700 m  | Near Yacuambi, cloud<br>forest south-west of<br>cerro San Antonia ,<br>Neophyte, tree | 355  | Ec  | Angiosperms+Gymnosp. |
| Nyctaginaceae | <i>Colignonia</i>  | <i>scandens Benth</i>                | Loja, Finca San<br>Ramon de<br>Yanacocho | 2400         |   | 356  | Ec  | Angiosperms+Gymnosp. |
| Nyctaginaceae | <i>Colignonia</i>  | <i>scandens</i>                      | ECSF                                     | 2100         | scand.shrub   | 357  | Ec  | Angiosperms+Gymnosp. |
| Nyctaginaceae | <i>Colignonia</i>  | <i>scandens</i>                      | Finca San Ramon<br>de Yanacocho          | 2400 m       | KM 11 highway Loja-<br>Zamora, herbaceous<br>vine or subshrub                         | 361  | Ec  | Angiosperms+Gymnosp. |
| Nyctaginaceae | <i>Guapira</i>     | <i>sp.</i>                           | ECSF                                     | 1900         | tree  | 358  | Ec  | Angiosperms+Gymnosp. |
| Nyctaginaceae | <i>Guapira</i>     | <i>sp.1</i>                          | ECSF                                     | 1900         | tree  | 359  | Ec  | Angiosperms+Gymnosp. |
| Nyctaginaceae | <i>Guapira</i>     |                                      | ECSF                                     | 1900 m       | tree, coastal   | 360  | Ec  | Angiosperms+Gymnosp. |
| Olacaceae     | <i>Heisteria</i>   | <i>sp.1</i>                          | ECSF                                     | 1980         | tree  | 362  | Ec  | Angiosperms+Gymnosp. |
| Onagraceae    | <i>Fuchsia</i>     | <i>lehmannii</i>                     | ECSF                                     | 1890         | shrub   | 363  | Ec  | Angiosperms+Gymnosp. |
| Onagraceae    | <i>Fuchsia</i>     | <i>loxensis (Knuth)</i>              | Loma del Oro,<br>Yacuambi                | 3400         |   | 364  | Ec  | Angiosperms+Gymnosp. |
| Onagraceae    | <i>Fuchsia</i>     | <i>sp.</i>                           | Lagunas Natosas                          | 3495 - 3385  |   | 365  | Ec  | Angiosperms+Gymnosp. |

| Family         | Genus               | Species                               | Location                               | Altitude (m) | Life form  | IDNr | Sam | Klasse               |
|----------------|---------------------|---------------------------------------|--|--------------|--|------|-----|----------------------|
| Orchidaceae    | <i>Epidendrum</i>   | <i>sp.</i>                            | Cerro Toledo                           | 3145 m       |  | 366  | Ec  | Angiosperms+Gymnosp. |
| Orchidaceae    | <i>Epidendrum</i>   | <i>sp. 1</i>                          | Cerro Toledo                           | 3145 m       |  | 367  | Ec  | Angiosperms+Gymnosp. |
| Orchidaceae    | <i>Epidendrum</i>   | <i>sp. 2</i>                          | Cerro Toledo                           | 3145 m       |  | 368  | Ec  | Angiosperms+Gymnosp. |
| Orchidaceae    | <i>orch.</i>        | <i>sp</i>                             | Cerro Toledo                           | 3145 m       |  | 369  | Ec  | Angiosperms+Gymnosp. |
| Oxaliaceae     | <i>Oxalis</i>       | <i>jasminifolia</i><br><i>Norlind</i> | B. Caduco, El Limo                     | 700-900      |  | 370  | Ec  | Angiosperms+Gymnosp. |
| Oxalidaceae    | <i>Oxalis spec.</i> |                                       | Tres Lagunas                           | 3780 m       | Paramo   | 371  | Ec  | Angiosperms+Gymnosp. |
| Passifloraceae | <i>Passiflora</i>   | <i>cf macrophylla</i><br><i>Mast.</i> | Loja                                   | 1900         |  | 372  | Ec  | Angiosperms+Gymnosp. |
| Passifloraceae | <i>Passiflora</i>   | <i>cumbalensis</i>                    | Cordillera de<br>Sabanilla             | 2900 m       | near to street<br>Jimburu- Zumba,<br>herbaceous vine | 374  | Ec  | Angiosperms+Gymnosp. |
| Passifloraceae | <i>Passiflora</i>   | <i>loxensis</i>                       | Cordillera de<br>Sabanilla             | 2950 m       | near to street<br>Jimburu- Zumba,<br>herbaceous vine | 373  | Ec  | Angiosperms+Gymnosp. |
| Phytolaccaceae | <i>Phytolacca</i>   | <i>bogotensis</i>                     | Cajas NP                               | 3450         |  | 375  | Ec  | Angiosperms+Gymnosp. |
| Phytolaccaceae | <i>Phytolacca</i>   | <i>icosandra</i>                      | ECSF                                   | 1950         |  | 376  | Ec  | Angiosperms+Gymnosp. |
| Pinaceae       | <i>Pinus</i>        | <i>patula</i>                         | ECSF                                   | 2100         |  | 377  | Ec  | Angiosperms+Gymnosp. |
| Piperaceae     | <i>Peperomia</i>    | <i>aff. Hartwegiana</i>               | Cajanuma, el<br>mirador                | 3000 m       | herb, Paramo   | 379  | Ec  | Angiosperms+Gymnosp. |
| Piperaceae     | <i>Piper</i>        | <i>seminervosum</i>                   | ECSF                                   | 1900         |  | 378  | Ec  | Angiosperms+Gymnosp. |
| Piperaceae     | <i>Piper</i>        | <i>nebuligaudens</i>                  | ECSF                                   | 1900 m       | shrub  | 380  | Ec  | Angiosperms+Gymnosp. |
| Plantaginaceae | <i>Plantago</i>     | <i>afra L.</i>                        | 10 km north of<br>Saraguru             | 2400         |  | 381  | Ec  | Angiosperms+Gymnosp. |
| Plantaginaceae | <i>Plantago</i>     | <i>australis</i>                      | Sabanilla, Jimburu-<br>Zumba           | 2900         |  | 382  | Ec  | Angiosperms+Gymnosp. |
| Plantaginaceae | <i>Plantago</i>     | <i>australis Lam.</i>                 | 10 km north of<br>Saraguru             | 2400         |  | 383  | Ec  | Angiosperms+Gymnosp. |
| Plantaginaceae | <i>Plantago</i>     | <i>lanceolata L.</i>                  | Prov.Loja                              | 2200         |  | 384  | Ec  | Angiosperms+Gymnosp. |
| Plantaginaceae | <i>Plantago</i>     | <i>linearis Kunth</i>                 | Paramo de<br>Carbocillo<br>(Prov.Loja) | 2900         |  | 385  | Ec  | Angiosperms+Gymnosp. |
| Plantaginaceae | <i>Plantago</i>     | <i>major L.</i>                       | Prov.Loja                              | 3788         |  | 386  | Ec  | Angiosperms+Gymnosp. |
| Plantaginaceae | <i>Plantago</i>     | <i>rigida</i>                         | Tres Lagunas                           | 3799         |  | 387  | Ec  | Angiosperms+Gymnosp. |

| Family         | Genus                | Species                             | Location                | Altitude (m) | Life form                            | IDNr | Sam | Klasse               |
|----------------|----------------------|-------------------------------------|-------------------------|--------------|--------------------------------------|------|-----|----------------------|
| Plantaginaceae | <i>Plantago</i>      | <i>rigida Kunth</i>                 | Cajanuma                | 3360         |                                      | 388  | Ec  | Angiosperms+Gymnosp. |
| Poaceae        | <i>Chusquaea</i>     | <i>dombeyana</i>                    | Cajanuma, el mirador    | 3100 m       | Paramo                               | 391  | Ec  | Angiosperms+Gymnosp. |
| Poaceae        | <i>Chusquaea</i>     |                                     | ECSF                    |              | way from Q3 to Q5                    | 389  | Ec  | Angiosperms+Gymnosp. |
| Poaceae        | <i>Chusquaea</i>     |                                     | ECSF                    |              | way from Q3 to Q5                    | 390  | Ec  | Angiosperms+Gymnosp. |
| Podocarpaceae  | <i>Podocarpus</i>    | <i>oleifolius</i>                   | ECSF                    | 3100         | tree                                 | 392  | Ec  | Angiosperms+Gymnosp. |
| Podocarpaceae  | <i>Prumnopitys</i>   | <i>montana</i>                      | ECSF                    | 1800         | tree                                 | 393  | Ec  | Angiosperms+Gymnosp. |
| Polemoniaceae  | <i>Cantua</i>        | <i>quercifolia</i>                  | Vilcabamba              | 1750         |                                      | 394  | Ec  | Angiosperms+Gymnosp. |
| Polygalaceae   | <i>Monnina</i>       | <i>salicifolia</i>                  | ECSF                    | 3000         |                                      | 395  | Ec  | Angiosperms+Gymnosp. |
| Polygalaceae   | <i>Monnina</i>       | <i>salicifolia R. &amp; P.</i>      | Loma del Oro, Yacuambi  | 3000         |                                      | 396  | Ec  | Angiosperms+Gymnosp. |
| Polygalaceae   | <i>Monnina</i>       | <i>sp.</i>                          | Lagunas Natosas         | 3514 - 3385  |                                      | 397  | Ec  | Angiosperms+Gymnosp. |
| Polygalaceae   | <i>Monnina</i>       | <i>sp.</i>                          | Cajanuma                | 3060         | small shrub                          | 398  | Ec  | Angiosperms+Gymnosp. |
| Polygalaceae   | <i>Monnina</i>       | <i>sp.</i>                          | Cajanuma                | 3060         | shrub                                | 399  | Ec  | Angiosperms+Gymnosp. |
| Polygalaceae   | <i>Monnina</i>       | <i>sp.</i>                          | ECSF                    | 1900         | shrub                                | 400  | Ec  | Angiosperms+Gymnosp. |
| Polygalaceae   | <i>Monnina</i>       | <i>lingua</i>                       | Loma del oro            | 3000 m       | near to Yacumba, shrub, cloud forest | 401  | Ec  | Angiosperms+Gymnosp. |
| Polygonaceae   | <i>Muehlenbeckia</i> | <i>tamnifolia</i>                   | ECSF                    | 1800         |                                      | 402  | Ec  | Angiosperms+Gymnosp. |
| Polygonaceae   | <i>Muehlenbeckia</i> |                                     |                         |              |                                      | 403  | Ec  | Angiosperms+Gymnosp. |
| Polygonaceae   | <i>Muehlenbeckia</i> | <i>tamnifolia</i>                   | "el bosque" Vilcabamba  | 3200-3300 m  | shrub                                | 406  | Ec  | Angiosperms+Gymnosp. |
| Polygonaceae   | <i>Rumex</i>         | <i>tolimensis Wedd.</i>             | Cajanuma                | 2800         |                                      | 404  | Ec  | Angiosperms+Gymnosp. |
| Polygonaceae   | <i>Rumex</i>         | <i>tolimensis</i>                   | Podoc.NP                | 2800         |                                      | 405  | Ec  | Angiosperms+Gymnosp. |
| Polypodiaceae  | <i>Pecluma</i>       | <i>eurybasis (C.Chr.) H.G.Price</i> | ECSF - T1               | 1900         | Lycopod, Paramo                      | 609  | Ec  | Pteridophyta         |
| Polypodiaceae  | <i>Pecluma</i>       | <i>eurybasis (C.Chr.) H.G.Price</i> | Cordillera de Sabanilla | 3100         | herb                                 | 610  | Ec  | Pteridophyta         |
| Polypodiaceae  | <i>Polypodium</i>    | <i>remotum Desr.</i>                | ECSF - T1               | 1900         |                                      | 611  | Ec  | Pteridophyta         |
| Polypodiaceae  | <i>Polypodium</i>    | <i>remotum Desr.</i>                | Cordillera de Sabanilla | 3100         |                                      | 612  | Ec  | Pteridophyta         |
| Primulaceae    | <i>Lysimachia</i>    | <i>andina</i>                       | Podoc.NP                | 3400         |                                      | 407  | Ec  | Angiosperms+Gymnosp. |

| Family        | Genus                   | Species                                    | Location   | Altitude (m) | Life form                | IDNr | Sam | Klasse               |
|---------------|-------------------------|--|--|--------------|--------------------------|------|-----|----------------------|
| Proteaceae    | <i>Lomatia</i>          | <i>hirsuta</i>                             | L.Negra  | 3400         |                          | 408  | Ec  | Angiosperms+Gymnosp. |
| Proteaceae    | <i>Oreocallis</i>       | <i>grandiflora</i>                         | Podoc.NP   | 2270         | shrub                    | 409  | Ec  | Angiosperms+Gymnosp. |
| Proteaceae    | <i>Panopsis</i>         | <i>sp.</i>                                 | El Tiro  | 2680         | tree                     | 410  | Ec  | Angiosperms+Gymnosp. |
| Proteaceae    | <i>Roupala</i>          | <i>monosperma</i>                          | ECSF   | 1915         | tree                     | 411  | Ec  | Angiosperms+Gymnosp. |
| Pteridaceae   | <i>Jamesonia</i>        | <i>imbricata (Sw.)<br/>Hook &amp; Grev</i> | Cordillera de<br>Sabanilla   | 3300 - 3500  |                          | 613  | Ec  | Pteridophyta         |
| Quiinaceae    | <i>Quiina</i>           | <i>yatuensis</i>                           | ECSF   | 1830         | tree                     | 412  | Ec  | Angiosperms+Gymnosp. |
| Ranunculaceae | <i>Ranunculus</i>       | <i>guzmanii</i>                            | Cerro Toledo   | 3145 m       |                          | 413  | Ec  | Angiosperms+Gymnosp. |
| Ranunculaceae | <i>Ranunculus</i>       | <i>gusmannii</i>                           | Podoc.NP   | 3400         |                          | 414  | Ec  | Angiosperms+Gymnosp. |
| Ranunculaceae | <i>Ranunculus spec.</i> |  | Tres Lagunas   | 3780 m       | shrub or vine,<br>Paramo | 415  | Ec  | Angiosperms+Gymnosp. |
| Rosaceae      | <i>Acaena</i>           | <i>ovalifolia</i>                          | ECSF   | 2700 m       | herb                     | 424  | Ec  | Angiosperms+Gymnosp. |
| Rosaceae      | <i>Hesperomeles</i>     | <i>obtusifolia</i>                         | Lag. Negras  | 3300-3500    |                          | 416  | Ec  | Angiosperms+Gymnosp. |
| Rosaceae      | <i>Hesperomeles</i>     | <i>sp.</i>                                 | Lagunas Natosas  | 3512 - 3385  |                          | 417  | Ec  | Angiosperms+Gymnosp. |
| Rosaceae      | <i>Hesperomeles</i>     | <i>obtusifolia</i>                         | Podoc.NP   | 2900         |                          | 418  | Ec  | Angiosperms+Gymnosp. |
| Rosaceae      | <i>Hesperomeles</i>     | <i>sp.</i>                                 | cajanuma rezent<br>(Klimastation)                                  |              |                          | 419  | Ec  | Angiosperms+Gymnosp. |
| Rosaceae      | <i>Lachemilla</i>       | <i>sp.</i>                                 | Lagunas Natosas  | 3500 - 3385  |                          | 420  | Ec  | Angiosperms+Gymnosp. |
| Rosaceae      | <i>Polylepis</i>        |  | Cajas. Prov. Of<br>Azuary, Area<br>nacional de<br>recreacion Cajas | 3850         |                          | 421  | Ec  | Angiosperms+Gymnosp. |
| Rosaceae      | <i>Prunus</i>           | <i>cf opaca</i>                            | Loja   | 2150         |                          | 422  | Ec  | Angiosperms+Gymnosp. |
| Rosaceae      | <i>Rubus</i>            | <i>sp.</i>                                 | Cerro Toledo   | 3145 m       |                          | 423  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae     | <i>Galium</i>           | <i>hypocarpium</i>                         | Cajas NP   | 3850         |                          | 425  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae     | <i>Arcytophyllum</i>    | <i>thymifolium<br/>S.E.Madsen</i>          | Saraguro   | 2800         |                          | 426  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae     | <i>Arcytophyllum</i>    | <i>vernicosum<br/>Standley</i>             | Loma del Oro,<br>Yacuambi  | 3400         |                          | 427  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae     | <i>Arcytophyllum</i>    | <i>cf. Filiforme</i>                       | Cajanuma   | 3300 m       | subshrub; Paramo         | 460  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae     | <i>Arcytophyllum</i>    | <i>cuspidatum</i>                          | Podoc.NP   | 3200         |                          | 428  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae     | <i>Borreria</i>         | <i>laevis (Lam.)<br/>Griseb.</i>           | Loja, Sasanama   | 2495         |                          | 429  | Ec  | Angiosperms+Gymnosp. |

| Family    | Genus                | Species  | Location                        | Altitude (m) | Life form                   | IDNr | Sam | Klasse               |
|-----------|----------------------|--|---------------------------------|--------------|-----------------------------|------|-----|----------------------|
| Rubiaceae | <i>Cinchona</i>      |  | ECSF                            | 2230 m       | open ridge forest,<br>shrub | 462  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Coccocypselum</i> |  | Prov.Loja                       | 2050         |                             | 430  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Dioicodendron</i> | <i>dioicum</i>   | Loja, Refuge<br>Arcoiris-Found. | 2100         |                             | 431  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Dioicodendron</i> | <i>dioicum</i>   | ECSF                            | 2100         | treelet                     | 432  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Elaeagia</i>      | <i>karstenii</i>   | ECSF                            | 2100         |                             | 433  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Elaeagia</i>      | <i>karstenii</i> Stanley                                       | ECSF                            | 2100         |                             | 434  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Elaeagia</i>      | <i>pastoensis</i>  | ECSF                            | 2070         | tree                        | 435  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Faramea</i>       | <i>coerulescens</i><br><i>K.Schum.&amp;</i><br><i>K.Krause</i> | ECSF                            | 2300         |                             | 436  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Faramea</i>       | <i>sp.</i>   | ECSF                            | 1850         | tree                        | 437  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Gonzalagunia</i>  | <i>affinis</i>   | Podoc.NP                        | 1100         |                             | 438  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Isertia</i>       | <i>laevis</i>  | ECSF                            | 1800         | tree                        | 439  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Joosia</i>        | <i>aequatoria</i>  | ECSF                            | 1800         |                             | 440  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Ladenbergia</i>   | <i>cf oblongifolia</i>   | ECSF                            | 1900         |                             | 441  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Ladenbergia</i>   | <i>cf oblongifolia</i>   | Loja                            | 1900         |                             | 442  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Macrocnemum</i>   | <i>roseum</i>  | Vilcabamba                      | 1700         |                             | 443  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Manettia</i>      | <i>pichichensis</i>  | ECSF                            | 2800 m       | Paramo, shrub               | 461  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Nertera</i>       | <i>granadensis</i>   | Cerro Toledo                    | 3145 m       |                             | 444  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Palicourea</i>    | <i>apicata</i>   | Tapichalaca P6                  | 2710         | tree                        | 445  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Palicourea</i>    | <i>cf andaluciana</i>  | ECSF                            | 2250         | shrub                       | 446  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Palicourea</i>    | <i>myrtifolia</i><br>' <i>K.Schum.&amp;</i><br><i>K.Krause</i> | ECSF                            | 2230         |                             | 447  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Palicourea</i>    | <i>anceps</i>  | Cerro Toledo                    |              |                             | 448  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Palicourea</i>    | <i>canarina</i><br><i>C.M.Taylor</i>                           | Yangana                         | 2400         |                             | 449  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Palicourea</i>    | <i>cf jaramilloi</i> C.M.<br><i>Taylor (Mo)</i>                | El Tiro                         | 2590         |                             | 450  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae | <i>Palicourea</i>    | <i>flavescens</i>  | Prov.Loja                       | 3100         |                             | 451  | Ec  | Angiosperms+Gymnosp. |

| Family           | Genus                   | Species                            | Location                      | Altitude (m) | Life form  | IDNr | Sam | Klasse               |
|------------------|-------------------------|------------------------------------|-------------------------------|--------------|--|------|-----|----------------------|
| Rubiaceae        | <i>Palicourea</i>       | <i>sp.</i>                         | Cerro Toledo                  |              |  | 452  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae        | <i>Psychotria</i>       | <i>reticulata Ruiz &amp; Pavon</i> | El Tiro                       | 2750         |  | 453  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae        | <i>Psychotria spec.</i> |                                    | ECSF                          | 1800 m       | LMF  | 459  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae        | <i>Relbunium</i>        | <i>hypocarpium</i>                 | Cerro Toledo                  | 3145 m       |  | 454  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae        | <i>Rondeletia</i>       |                                    | ECSF                          | 1900         |  | 455  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae        | <i>Sickingia</i>        | <i>ecuadorensis</i>                | Prov.Loja                     | 3000         |  | 458  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae        | <i>Stilpnophyllum</i>   | <i>oellgaardii</i>                 | ECSF                          | 2150         | treelet  | 456  | Ec  | Angiosperms+Gymnosp. |
| Rubiaceae        | <i>Warszewiczia</i>     | <i>coccinea</i>                    | Podoc.NP                      | 1100         |  | 457  | Ec  | Angiosperms+Gymnosp. |
| Sabiaceae        | <i>Meliosma</i>         |                                    | ECSF                          | 1900 m       | tree   | 463  | Ec  | Angiosperms+Gymnosp. |
| Sapindaceae      | <i>Matayba</i>          | <i>inelegans</i>                   | ECSF                          | 2100         | tree   | 464  | Ec  | Angiosperms+Gymnosp. |
| Sapindaceae      | <i>Matayba</i>          |                                    | ECSF                          | 2090         |  | 465  | Ec  | Angiosperms+Gymnosp. |
| Sapindaceae      | <i>Paullinia</i>        | <i>grandifolia</i>                 | ECSF                          | 1950         | liana  | 466  | Ec  | Angiosperms+Gymnosp. |
| Sapindaceae      | <i>Serjania</i>         |                                    | ECSF                          | 1900 m       | ravine, woody liana                                    | 467  | Ec  | Angiosperms+Gymnosp. |
| Schizeaceae      | <i>Lindsaea</i>         | <i>arcuata Kunze</i>               | Reserva La Zarza (Zam.-Chin.) | 1500         | camino a las antenas, shows disturbance and landslides | 614  | Ec  | Pteridophyta         |
| Scrophulariaceae | <i>Bartsia</i>          | <i>crisafulli</i>                  | L.Negra                       | 3400         |  | 468  | Ec  | Angiosperms+Gymnosp. |
| Scrophulariaceae | <i>Calceolaria</i>      | <i>fusca</i>                       | ECSF                          | 3400         |  | 469  | Ec  | Angiosperms+Gymnosp. |
| Scrophulariaceae | <i>Calceolaria</i>      | <i>sp.</i>                         | Cerro Toledo                  | 3145 m       |  | 470  | Ec  | Angiosperms+Gymnosp. |
| Scrophulariaceae | <i>Castilleja</i>       | <i>sp.</i>                         | Lagunas Natosas               | 3495 - 3385  |  | 471  | Ec  | Angiosperms+Gymnosp. |
| Smilacaceae      | <i>Smilax</i>           | <i>sp.</i>                         | ECSF                          | 2130         |  | 472  | Ec  | Angiosperms+Gymnosp. |
| Solanaceae       | <i>Cestrum</i>          | <i>sp.</i>                         | Cerro Toledo                  |              |  | 473  | Ec  | Angiosperms+Gymnosp. |
| Solanaceae       | <i>Solanum</i>          | <i>patulum</i>                     | Loma del oro                  | 3000 m       | cloud forest   | 474  | Ec  | Angiosperms+Gymnosp. |
| Styracaceae      | <i>Styrax</i>           | <i>nathanii</i>                    | ECSF                          | 2450         |  | 475  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae     | <i>Symplocos</i>        | <i>bogotensis</i>                  | ECSF                          | 2300         |  | 476  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae     | <i>Symplocos</i>        | <i>bogotensis Brand</i>            | ECSF                          | 2230         | treelet  | 477  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae     | <i>Symplocos</i>        | <i>bogotensis Brand</i>            | El Tiro                       | 2800         |  | 478  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae     | <i>Symplocos</i>        | <i>canescens B.Stahl</i>           | Cajanuma                      | 2900         |  | 479  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae     | <i>Symplocos</i>        | <i>cf globosa</i>                  | Tapichalaca P6                | 2710         | tree   | 480  | Ec  | Angiosperms+Gymnosp. |

| Family                  | Genus                    | Species                               | Location                  | Altitude (m) | Life form                                     | IDNr | Sam | Klasse               |
|-------------------------|--------------------------|---------------------------------------|---------------------------|--------------|---|------|-----|----------------------|
| Symplocaceae            | <i>Symplocos</i>         | <i>clethrifolia</i><br><i>B.Stahl</i> | Podocarpus NP             | 3000         |   | 481  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos</i>         | <i>coriacea</i> A.DC.                 | Cajanuma                  | 2900         |   | 482  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos</i>         | <i>fuscata</i> B.Stahl                | Cajanuma                  | 3000 - 3150  |   | 483  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos</i>         | <i>fuscata</i> B.Stahl                | El Tiro                   | 3200         |   | 484  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos</i>         | <i>nuda</i> Humb &<br><i>Bonpl</i>    | Urituzinga<br>(Prov.Loja) | 2700         |   | 485  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos</i>         | <i>peruviana</i><br>(Szyszyl.) Brand  | Cerro Toledo              | 2500 - 3400  |   | 486  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos</i>         | <i>quitensis</i> Brand                | Cerro Toledo              | 3000 - 3400  |   | 487  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos</i>         | <i>sp.</i>                            |                           | SDT          |   | 488  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos</i>         | <i>sp.</i>                            | Cerro Toledo              | 3145 m       |   | 489  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos</i>         | <i>sp.2</i>                           | ECSF                      | 1950         | tree  | 490  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos</i>         | <i>sulcinervia</i> Stahl              | Cajanuma                  | 3000         |   | 491  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>Symplocos fuscata</i> | <i>fuscata</i>                        | Cerro Toledo              |              |   | 492  | Ec  | Angiosperms+Gymnosp. |
| Symplocaceae            | <i>x</i>                 | <i>sp.</i>                            | ECSF                      |              |   | 493  | Ec  | Angiosperms+Gymnosp. |
| Theaceae                | <i>Gordonia</i>          | <i>sp.</i>                            | Cajanuma                  | 3060         | treelet                                       | 494  | Ec  | Angiosperms+Gymnosp. |
| Theaceae                | <i>Ternstroemia</i>      | <i>jelskii</i>                        |                           |              | treelet                                       | 495  | Ec  | Angiosperms+Gymnosp. |
| Theaceae                | <i>x</i>                 | <i>sp.</i>                            | <i>x</i>                  | ECSF         |   | 496  | Ec  | Angiosperms+Gymnosp. |
| Thelypteridaceae        | ?                        | ?                                     | ECSF - T2                 | 2100         | fern, landslide                               | 616  | Ec  | Pteridophyta         |
| Thelypteridaceae        | <i>Macrothelypteris</i>  | <i>torresiana</i><br>(Gaudich) Ching  | Nudo de Sabanilla         | 2800         | from 2000-2300 m<br>dominant on<br>landslides | 615  | Ec  | Pteridophyta         |
| Tiliaceae               | <i>Heliocarpus</i>       | <i>americanus</i>                     | ECSF                      | 1900         | tree  | 497  | Ec  | Angiosperms+Gymnosp. |
| Tiliaceae               | <i>Heliocarpus</i>       | <i>americanus</i>                     | ECSF                      |              |   | 498  | Ec  | Angiosperms+Gymnosp. |
| Tovariaceae             | <i>Tovaria</i>           | <i>pendula</i>                        | ECSF                      | 1800         | terr.herb                                     | 499  | Ec  | Angiosperms+Gymnosp. |
| Tropaeolaceae           | <i>Tropaeolum</i>        | <i>smithii</i>                        |                           |              |   | 500  | Ec  | Angiosperms+Gymnosp. |
| Urticaceae              | <i>Boehmeria</i>         |                                       | ECSF                      | 1895 m       | shrub   | 502  | Ec  | Angiosperms+Gymnosp. |
| Urticaceae              | <i>Myriocarpa</i>        |                                       | ECSF                      | 1900 m       | shrub   | 503  | Ec  | Angiosperms+Gymnosp. |
| Urticaceae              | <i>Pilea</i>             | <i>myriantha</i>                      | Prov.Zam.                 | 3000         |   | 501  | Ec  | Angiosperms+Gymnosp. |
| Urticaceae/Cecropiaceae | <i>Cecropia</i>          | <i>gabrielis</i>                      | ECSF                      | 1860 m       | tree  | 504  | Ec  | Angiosperms+Gymnosp. |
| Urticaceae/Cecropiaceae | <i>Cecropia</i>          | <i>montana</i>                        | ECSF, Quebrada            | 2100 m       | tree, Quebrada in<br>cloud forest             | 505  | Ec  | Angiosperms+Gymnosp. |

| Family        | Genus                | Species   | Location                       | Altitude (m) | Life form            | IDNr | Sam | Klasse               |
|---------------|----------------------|---|--------------------------------|--------------|----------------------|------|-----|----------------------|
| Valerianaceae | <i>cf. Valeriana</i> | <i>niphobia</i>                                   | Tres Lagunas                   | 3780 m       | rosette herb, Paramo | 532  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>aretioides</i> Kunth                           | El Tiro                        | 3200         |                      | 506  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>asterothrix</i> Killip.                        | Loma del Oro,<br>Yacuambi      | 3000         |                      | 507  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>bracteata</i> Benth.                           | Lag. Negras                    | 3300-3500    |                      | 508  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>chaerophylloides</i><br>Sm.                    | Prov.Loja                      | 2100 - 2130  |                      | 509  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>clematitis</i>                                 | ECSF                           | 1900         | liana                | 510  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>clematitis</i> H.B.K.                          | Cajanuma                       | 2800 - 3000  |                      | 511  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>convallarioides</i>                            | cajanuma rezent                |              |                      | 512  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>convallarioides</i><br>(Schmale)<br>B.B.Larsen | Lag.Bandarillas<br>(Prov.Loja) | 3200         |                      | 513  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>hirtella</i>                                   | Prov.Zam.                      | 3000         |                      | 514  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>hirtella</i> H.B.K.                            | Saraguro                       | 3100 - 3400  |                      | 515  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>hirtella</i> Knuth                             | Loma del Oro,<br>Yacuambi      | 3000         |                      | 516  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>interrupta</i><br>Var. <i>elatior</i> Killip   | Prov.Loja                      | 3100         |                      | 517  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>microphylla</i>                                | cajanuma rezent                |              |                      | 518  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>microphylla</i>                                | C.d.Sab.                       | 3400         |                      | 519  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>microphylla</i><br>H.B.K.                      | El Tiro                        | 2800 - 2900  |                      | 520  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>niphobia</i>                                   | Tres Lagunas                   | 3788         |                      | 521  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>sp.</i>  | Lagunas Natosas                | 3495 - 3385  |                      | 522  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>sp.</i>  | cajanuma rezent                |              |                      | 523  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>sp.1</i>                                       | Lagunas Natosas                | 3495 - 3385  |                      | 524  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>tatamana</i> Killip.                           | Lag. Negras                    | 3300-3500    |                      | 525  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>asterothrix</i>                                | Prov.Zam.                      | 3000         |                      | 526  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>buxifolia</i>                                  | C.d.Sab.                       | 3400         |                      | 527  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>convallarioides</i>                            | Cajanuma                       | 3000         |                      | 528  | Ec  | Angiosperms+Gymnosp. |

| Family        | Genus                | Species            | Location  | Altitude (m) | Life form                   | IDNr | Sam | Klasse               |
|---------------|----------------------|--------------------|---|--------------|-----------------------------|------|-----|----------------------|
| Valerianaceae | <i>Valeriana</i>     | <i>laurifolia</i>  | Prov.Zam.                                       | 3000         |                             | 529  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>plantaginea</i> | Cajanuma  | 3100         |                             | 530  | Ec  | Angiosperms+Gymnosp. |
| Valerianaceae | <i>Valeriana</i>     | <i>tatamana</i>    | C.d.Sab.  | 3400         |                             | 531  | Ec  | Angiosperms+Gymnosp. |
| Violaceae     | <i>Viola</i>         | <i>arguta</i>      | Loja, Valladolid,<br>Quebrada de<br>Tapicachala | 1600         |                             | 533  | Ec  | Angiosperms+Gymnosp. |
| Violaceae     | <i>Viola</i>         | <i>sp.</i>         | Tres Lagunas                                    | 3788         |                             | 534  | Ec  | Angiosperms+Gymnosp. |
| Violaceae     | <i>Viola</i>         | <i>arguta</i>      | Tres Lagunas                                    | 3780 m       | Paramo, herb or<br>subshrub | 535  | Ec  | Angiosperms+Gymnosp. |
| Viscaceae     | <i>Dendrophthora</i> | <i>lindeniana</i>  | C.d.Sab.  | 3100         |                             | 536  | Ec  | Angiosperms+Gymnosp. |
| Vitaceae      | <i>Cissus</i>        | <i>obliqua</i>     | Sabanilla                                       | 2800         |                             | 537  | Ec  | Angiosperms+Gymnosp. |
| Vitaceae      | <i>Cissus</i>        | <i>sp.</i>         | ECSF  | 1920         | liana                       | 538  | Ec  | Angiosperms+Gymnosp. |
| Vitaceae      | <i>Cissus</i>        |                    | ECSF  | 1920 m       | Woody liana                 | 539  | Ec  | Angiosperms+Gymnosp. |
| Vochysiaceae  | <i>Vochysia</i>      | <i>sp.1</i>        | ECSF  | 1900         | tree                        | 540  | Ec  | Angiosperms+Gymnosp. |
| Winteraceae   | <i>Drymis</i>        | <i>granadensis</i> | Loma del Oro,<br>Yacuambi                       | 3000         |                             | 541  | Ec  | Angiosperms+Gymnosp. |
| Zingiberaceae | <i>Renealmia</i>     | <i>alpinia</i>     | Prov. Zam.                                      | 1600         |                             | 542  | Ec  | Angiosperms+Gymnosp. |
|               |                      |                    |   |              |                             |      |     |                      |