**Appendix A.2** – Field sheet for collection of wood samples in Mera, Central Ecuador.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 01 | **10. Elevation (m a.s.l.):** | 1211 | **17. CBH/DBH (cm):** | 129/ 41.38 |
| **3. Tree ID:** | MECE01 | **11. Slope (%)/direction:** | 5°/ W-E | **18.TH/CH (m):** | 15/11 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 90 | **19. Light / canopy cover (%):** | 10/90 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | Bromeliads |
| **8. X Coordinates (lon):** | 827973 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | Dom |
| **9. Y Coordinates (lat):** | 9844195 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 9:20/10 sep 2019 | MECE01 | N-S | Complete |
| 9:35/10 sep 2019 | MECE01 | W-E | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 02 | **10. Elevation (m a.s.l.):** | 1195 | **17. CBH/DBH (cm):** | 163/ 51.38 |
| **3. Tree ID:** | MECE02 | **11. Slope (%)/direction:** | 40°/ N-S | **18.TH/CH (m):** | 16/12 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 95 | **19. Light / canopy cover (%):** | 5/95 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | Bromeliads, raíces tablares notorias |
| **8. X Coordinates (lon):** | 828006 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | Dom |
| **9. Y Coordinates (lat):** | 9844214 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 9:52/10 sep 2019 | MECE02 | N-S | Complete, dark wood center |
| 10:07/10 sep 2019 | MECE02 | W-E | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 03 | **10. Elevation (m a.s.l.):** | 1183 | **17. CBH/DBH (cm):** | 103/ 32.79 |
| **3. Tree ID:** | MECE03 | **11. Slope (%)/direction:** | 0 | **18.TH/CH (m):** | 16/14 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 0 | **19. Light / canopy cover (%):** | 100/ |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | Bromeliads, defoliado |
| **8. X Coordinates (lon):** | 827978 | **14. Tree condition:** | Regular | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844955 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 10:28/10 sep 2019 | MECE03 | S-N | Complete |
| 10:39/10 sep 2019 | MECE03 | E-W | Complete, espacio vacío |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 04 | **10. Elevation (m a.s.l.):** | 1210 | **17. CBH/DBH (cm):** | 101/ 32.15 |
| **3. Tree ID:** | MECE04 | **11. Slope (%)/direction:** | 0 | **18.TH/CH (m):** | 11/9 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 70 | **19. Light / canopy cover (%):** | 30/60 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | Bromeliads |
| **8. X Coordinates (lon):** | 827977 | **14. Tree condition:** | Regular | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844259 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 10:46/10 sep 2019 | MECE04 | N-S | Complete |
| 11:03/10 sep 2019 | MECE04 | E-W | Complete |

**Appendix A.2** – *Continued*

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| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 05 | **10. Elevation (m a.s.l.):** | 1241 | **17. CBH/DBH (cm):** | 134/ 42.65 |
| **3. Tree ID:** | MECE05 | **11. Slope (%)/direction:** | 0 | **18.TH/CH (m):** | 16/14 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 30 | **19. Light / canopy cover (%):** | 70/30 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | Bromeliads |
| **8. X Coordinates (lon):** | 827998 | **14. Tree condition:** | Regular | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844262 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 11:15/10 sep 2019 | MECE05 | S-N | Complete |
| 11:21/10 sep 2019 | MECE05 | E-W | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 06 | **10. Elevation (m a.s.l.):** | 1163 | **17. CBH/DBH (cm):** | 104/ 33.10 |
| **3. Tree ID:** | MECE06 | **11. Slope (%)/direction:** | 5°/ S-N | **18.TH/CH (m):** | 16/13 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 10 | **19. Light / canopy cover (%):** | 100/ |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | Bromeliads |
| **8. X Coordinates (lon):** | 827997 | **14. Tree condition:** | Regular | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844270 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 11:35/10 sep 2019 | MECE06 | S-N | Complete |
| 11:48/10 sep 2019 | MECE06 | E-W | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 07 | **10. Elevation (m a.s.l.):** | 1179 | **17. CBH/DBH (cm):** | 110/ 35.01 |
| **3. Tree ID:** | MECE07 | **11. Slope (%)/direction:** | 0 | **18.TH/CH (m):** | 15/13 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 10 | **19. Light / canopy cover (%):** | 100/ |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 827981 | **14. Tree condition:** | Regular | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844299 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 12:01/10 sep 2019 | MECE07 | N-S | Complete |
| 12:14/10 sep 2019 | MECE07 | E-W | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 08 | **10. Elevation (m a.s.l.):** | 1203 | **17. CBH/DBH (cm):** | 83/ 26.41 |
| **3. Tree ID:** | MECE08 | **11. Slope (%)/direction:** | 0 | **18.TH/CH (m):** | 12/9 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 40 | **19. Light / canopy cover (%):** | 60/30 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 827962 | **14. Tree condition:** | regular | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844293 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 12:36/10 sep 2019 | MECE08 | S-N | Complete, review |
| 12:47/10 sep 2019 | MECE08 | W-E | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 09 | **10. Elevation (m a.s.l.):** | 1221 | **17. CBH/DBH (cm):** | 153/ 48.70 |
| **3. Tree ID:** | MECE09 | **11. Slope (%)/direction:** | 45°/ N-S | **18.TH/CH (m):** | 20/15 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 90 | **19. Light / canopy cover (%):** | 15/80 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | plus |
| **8. X Coordinates (lon):** | 828087 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | Dom |
| **9. Y Coordinates (lat):** | 9844323 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 12:54/10 sep 2019 | MECE09 A | N-S | Complete |
| 13:00/10 sep 2019 | MECE09 B | W-E | Incomplete |
| 13:11/10 sep 2019 | MECE09 A\* | W-E | Complete |
| 13:44/10 sep 2019 | MECE09 B\* | N-S | Complete |
| 13:56/10 SEP 2019 | MECE09 B\*\* | W-E | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 10 | **10. Elevation (m a.s.l.):** | 1214 | **17. CBH/DBH (cm):** | 193/ 61.43 |
| **3. Tree ID:** | MECE10 | **11. Slope (%)/direction:** | 15°/ N-S | **18.TH/CH (m):** | 19/15 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 100 | **19. Light / canopy cover (%):** | 20/80 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | plus |
| **8. X Coordinates (lon):** | 828088 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | Dom |
| **9. Y Coordinates (lat):** | 9844391 | **15. Trunk (inclination °):** | 5 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 14:57/10 sep 2019 | MECE09 A | E-W | Complete |
| 15:04/10 sep 2019 | MECE09 B | S-N | Complete |
| 15:08/10 sep 2019 | MECE09 A\* | E-W | Complete |
| 15:14/10 sep 2019 | MECE09 B\* | N-S | Incomplete |
| 15:20/10 SEP 2019 | MECE09 A\*\* | S-N | Incomplete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 11 | **10. Elevation (m a.s.l.):** | 1210 | **17. CBH/DBH (cm):** | 121/ 38.52 |
| **3. Tree ID:** | MECE11 | **11. Slope (%)/direction:** | 0 | **18.TH/CH (m):** | 17/15 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 60 | **19. Light / canopy cover (%):** | 40/60 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828064 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844362 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 15:48/10 sep 2019 | MECE11 | E-W | Complete |
| 15:56/10 sep 2019 | MECE11 | N-S | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 12 | **10. Elevation (m a.s.l.):** | 1244 | **17. CBH/DBH (cm):** | 81/ 25.78 |
| **3. Tree ID:** | MECE12 | **11. Slope (%)/direction:** | 0 | **18.TH/CH (m):** | 11/4 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 40 | **19. Light / canopy cover (%):** | 80/20 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828236 | **14. Tree condition:** | Regular | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844466 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 08:20/11 sep 2019 | MECE12 | N-S | Complete, Divided |
| 08:25/11 sep 2019 | MECE12 | W-E | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 13 | **10. Elevation (m a.s.l.):** | 1214 | **17. CBH/DBH (cm):** | 158/ 50.29 |
| **3. Tree ID:** | MECE13 | **11. Slope (%)/direction:** | 0 | **18.TH/CH (m):** | 14/9 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 75 | **19. Light / canopy cover (%):** | 20/80 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828254 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844484 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Troya |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 8:30/11 sep 2019 | MECE13 | N-S | Complete |
| 8:42/11 sep 2019 | MECE13 | E-W | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 14 | **10. Elevation (m a.s.l.):** | 1229 | **17. CBH/DBH (cm):** | 115/ 36.61 |
| **3. Tree ID:** | MECE14 | **11. Slope (%)/direction:** | 30/W-E | **18.TH/CH (m):** | 11/10 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 95 | **19. Light / canopy cover (%):** | 10/90 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828256 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | dom |
| **9. Y Coordinates (lat):** | 9844442 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Angélica Burneo |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 8:54/11 sep 2019 | MECE14 | N-S | Complete |
| 9:03/11 sep 2019 | MECE14 | W-E | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 15 | **10. Elevation (m a.s.l.):** | 1205 | **17. CBH/DBH (cm):** | 118/ 37.56 |
| **3. Tree ID:** | MECE15 | **11. Slope (%)/direction:** | 10/ W-E | **18.TH/CH (m):** | 10/5 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 15 | **19. Light / canopy cover (%):** | 80/20 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828261 | **14. Tree condition:** | Regular | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844460 | **15. Trunk (inclination °):** | 10 | **22. Responsible:** | Byron Troya  Dayana Jiménez |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 9:15/11 sep 2019 | MECE15 | N-S | Complete |
| 9:34/11 sep 2019 | MECE15 | W-E | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 16 | **10. Elevation (m a.s.l.):** | 1225 | **17. CBH/DBH (cm):** | 129/ 41.10 |
| **3. Tree ID:** | MECE16 | **11. Slope (%)/direction:** | 45/ N-S | **18.TH/CH (m):** | 16/14 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 95 | **19. Light / canopy cover (%):** | 10/90 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828261 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | dom |
| **9. Y Coordinates (lat):** | 9844428 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Angélica Burneo |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 9:38/11 sep 2019 | MECE16 | N-S | Complete |
| 10:48/11 sep 2019 | MECE16 | W-E | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 17 | **10. Elevation (m a.s.l.):** | 1339 | **17. CBH/DBH (cm):** | 99/ 31.51 |
| **3. Tree ID:** | MECE17 | **11. Slope (%)/direction:** | 45 N-S | **18.TH/CH (m):** | 10/5 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 80 | **19. Light / canopy cover (%):** | 73/27 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828286 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844478 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Troya  Dayana Jiménez |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 9:35/11 sep 2019 | MECE17 | N-S | Complete |
| 9:42/11 sep 2019 | MECE17 | W-E | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 18 | **10. Elevation (m a.s.l.):** | 1227 | **17. CBH/DBH (cm):** | 162/ 51.56 |
| **3. Tree ID:** | MECE18 | **11. Slope (%)/direction:** | 25 N-S | **18.TH/CH (m):** | 20/15 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 80 | **19. Light / canopy cover (%):** | 40/60 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828307 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844495 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Angélica Burneo |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 11:15/11 sep 2019 | MECE18 | N-S | Complete |
| 12:20/11 sep 2019 | MECE18 | W-E | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 19 | **10. Elevation (m a.s.l.):** | 1208 | **17. CBH/DBH (cm):** | 130/ 41.38 |
| **3. Tree ID:** | MECE19 | **11. Slope (%)/direction:** | 0 | **18.TH/CH (m):** | 15/8 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 75 | **19. Light / canopy cover (%):** | 61/39 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828303 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | RELICT |
| **9. Y Coordinates (lat):** | 9844468 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Troya  Dayana Jiménez |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 9:55/11 sep 2019 | MECE19 | N-S | Complete |
| 10:10/11 sep 2019 | MECE19 | W-E | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 20 | **10. Elevation (m a.s.l.):** | 1218 | **17. CBH/DBH (cm):** | 293/ 93.27 |
| **3. Tree ID:** | MECE20 | **11. Slope (%)/direction:** | 25/ S-N | **18.TH/CH (m):** | 35/19 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 85 | **19. Light / canopy cover (%):** | 30/70 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828419 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | dom |
| **9. Y Coordinates (lat):** | 9844439 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Troya  Dayana Jiménez |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 13:30/11 sep 2019 | MECE20 A | W-E | Complete |
| 14:05/11 sep 2019 | MECE20 B (A\*) | W-E | Complete |
| 14:20/11 sep 2019 | MECE20 C (B) | N-S | Complete |
| 14:37/11 sep 2019 | MECE20 D (B\*) | N-S | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 21 | **10. Elevation (m a.s.l.):** | 1235 | **17. CBH/DBH (cm):** | 91.5/ 29.13 |
| **3. Tree ID:** | MECE21 | **11. Slope (%)/direction:** | 45/ E-W | **18.TH/CH (m):** | 13/6 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 10 | **19. Light / canopy cover (%):** | 90/10 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828330 | **14. Tree condition:** | Regular | **21. Tree crown (dom, inter, supp):** | RELICT |
| **9. Y Coordinates (lat):** | 9844488 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Troya  Dayana Jiménez |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 10:45/11 sep 2019 | MECE21 | N-S | Complete |
| 10:50/11 sep 2019 | MECE21 | E-W | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 22 | **10. Elevation (m a.s.l.):** | 1152 | **17. CBH/DBH (cm):** | 167/ 53.16 |
| **3. Tree ID:** | MECE22 | **11. Slope (%)/direction:** | 5/ N-S | **18.TH/CH (m):** | 36/20 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 85 | **19. Light / canopy cover (%):** | 10/90 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828507 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | dom |
| **9. Y Coordinates (lat):** | 9844771 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Troya  Dayana Jiménez |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 16:13/11 sep 2019 | MECE22 | NW-SE | Complete |
| 16:40/11 sep 2019 | MECE22 | NW-SE | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 23 | **10. Elevation (m a.s.l.):** | 1214 | **17. CBH/DBH (cm):** | 96/ 30.56 |
| **3. Tree ID:** | MECE23 | **11. Slope (%)/direction:** | 40/ NO-SO | **18.TH/CH (m):** | 18/9 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 45 | **19. Light / canopy cover (%):** | 60/40 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828306 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | RELICT |
| **9. Y Coordinates (lat):** | 9844433 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Troya  Dayana Jiménez |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 10:59/11 sep 2019 | MECE23 A | NW-SE | Complete |
| 11:20/11 sep 2019 | MECE23 B | NW-SE | Complete |

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| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 24 | **10. Elevation (m a.s.l.):** | 1227 | **17. CBH/DBH (cm):** | 138/ 44 |
| **3. Tree ID:** | MECE24 | **11. Slope (%)/direction:** | 40/ E-W | **18.TH/CH (m):** | 15/12 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 85 | **19. Light / canopy cover (%):** | 20/80 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | BROMELIADS |
| **8. X Coordinates (lon):** | 828307 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | dom |
| **9. Y Coordinates (lat):** | 9844495 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Madison Herrera |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 16:18/11 sep 2019 | MECE24 | E-W | Complete |
| 16:23/11 sep 2019 | MECE24 | N-S | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 25 | **10. Elevation (m a.s.l.):** | 1186 | **17. CBH/DBH (cm):** | 140/ 44.56 |
| **3. Tree ID:** | MECE25 | **11. Slope (%)/direction:** | 45/ N-S | **18.TH/CH (m):** | 17/15 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 90 | **19. Light / canopy cover (%):** | 15/85 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | BROMELIADS |
| **8. X Coordinates (lon):** | 828679 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | dom |
| **9. Y Coordinates (lat):** | 9844791 | **15. Trunk (inclination °):** | 5 | **22. Responsible:** | Byron Cabrera  Angélica Burneo |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 17:18/11 sep 2019 | MECE25 | S-N | Complete |
| 17:38/11 sep 2019 | MECE25 | W-E | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 26 | **10. Elevation (m a.s.l.):** | 1167 | **17. CBH/DBH (cm):** | 152/ 48.38 |
| **3. Tree ID:** | MECE26 | **11. Slope (%)/direction:** | 0 | **18.TH/CH (m):** | 25/10 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 80 | **19. Light / canopy cover (%):** | 20/80 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** | BROMELIADS |
| **8. X Coordinates (lon):** | 828717 | **14. Tree condition:** | Good | **21. Tree crown (dom, inter, supp):** | dom |
| **9. Y Coordinates (lat):** | 9844845 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Troya  Dayana Jiménez |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 17:30/11 sep 2019 | MECE26 | NE-SE | Complete |
| 17:45/11 sep 2019 | MECE26 | N-S | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 27 | **10. Elevation (m a.s.l.):** | 1254 | **17. CBH/DBH (cm):** | 120/ 38.20 |
| **3. Tree ID:** | MECE27 | **11. Slope (%)/direction:** | 2/ N-S | **18.TH/CH (m):** | 13/5 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 0 | **19. Light / canopy cover (%):** | 100/ |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828146 | **14. Tree condition:** | Regular | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844429 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Byron Troya |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 9:38/12 sep 2019 | MECE27 | S-N | Complete |
| 9:45/12 sep 2019 | MECE27 | E-W | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 28 | **10. Elevation (m a.s.l.):** | 1253 | **17. CBH/DBH (cm):** | 120/ 38.20 |
| **3. Tree ID:** | MECE28 | **11. Slope (%)/direction:** | 5/ W-E | **18.TH/CH (m):** | 14/9 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 0 | **19. Light / canopy cover (%):** | 95/5 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828169 | **14. Tree condition:** | Bueno | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844438 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Byron Troya |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 10:20/12 sep 2019 | MECE28 | S-N | Complete |
| 10:40/12 sep 2019 | MECE28 | E-W | Complete |

**Appendix A.2** – *Continued*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 29 | **10. Elevation (m a.s.l.):** | 1221 | **17. CBH/DBH (cm):** | 100/ 31.83 |
| **3. Tree ID:** | MECE29 | **11. Slope (%)/direction:** | 25/ W-E | **18.TH/CH (m):** | 14/6 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 80 | **19. Light / canopy cover (%):** | 44/56 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828186 | **14. Tree condition:** | Bueno | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844537 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Byron Troya |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 10:45/12 sep 2019 | MECE29 | S-N | Complete |
| 10:50/12 sep 2019 | MECE29 | E-W | Complete |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | **16. Type of sample:** | Nucleus |
| **2. Tree number:** | 30 | **10. Elevation (m a.s.l.):** | 1222 | **17. CBH/DBH (cm):** | 90/ 28.65 |
| **3. Tree ID:** | MECE30 | **11. Slope (%)/direction:** | 25/ W-E | **18.TH/CH (m):** | 14/10 |
| **6. Species:** | Cedro | **12. Foliage (%):** | 90 | **19. Light / canopy cover (%):** | 21/79 |
| **7. Location:** | Mera | **13. Fruit/Flowering:** | NO | **20. Tree comments:** |  |
| **8. X Coordinates (lon):** | 828168 | **14. Tree condition:** | Regular | **21. Tree crown (dom, inter, supp):** | Relict |
| **9. Y Coordinates (lat):** | 9844530 | **15. Trunk (inclination °):** | 0 | **22. Responsible:** | Byron Cabrera  Byron Troya |

**1. Date – Time 4. Sample ID 5. Sample direction 23. Sample comment**

|  |  |  |  |
| --- | --- | --- | --- |
| 11:00/12 sep 2019 | MECE30 | S-N | Complete |
| 11:10/12 sep 2019 | MECE30 | W-E | Complete |

**Appendix A.2** – *Continued*

**FIELD DATA SHEET FOR COLLECTION OF WOOD CROSS SECTIONS**

**Date - hour:** 12-Sep-2019 - 10:05

|  |  |  |  |
| --- | --- | --- | --- |
| **Tree number: (or ID)** | MECE31 | **Location:** | Mera |
| **Scientific name:** | *Cedrela sp.* | **X Coordinates (lon):** | 821165 |
| **Common name:** | Cedro | **Y Coordinates (lat):** | 9838349 |
| **CBH (cm):** | 107 | **Elevation (m a.s.l.):** | 1198 |
| **DBH (cm):** | 34.06 | **Land slope (°):** |  |
| **TH (m):** | 13 | **Ground slope direction**  **(Ex. N-S, E-W):** |  |
| **CH (m):** | 10 | **Trunk (CH) (inclination °):** |  |
| **Tree crown (dominant, intermediate, suppressed, relicts):** | Relict | **Direction of the inclination of the trunk (Ex. N-S):** |  |
| **Fruit/Flowering status:** | - | **Name of collector(s):** | Dayana Jiménez  María Angélica Burneo  Madison Herrera |
| **Sapwood Color (green)**  **Munsell Code and Color Name** |  | **Heartwood color (green)**  **Munsell Code and Color Name** |  |
| **Flavor (green)**  **Sweet, Bitter, Acid, Astringent, Absent, Characteristic (specify)** |  | **Odor (green)**  **Aromatic, Unpleasant, Absent, Characteristic (specify)** |  |
| **Tree condition:**  **(Good, regular, poor)** | Poor | **Comments:**  Fallen tree | |
| **Foliage (%):**  **(percentage of leaves)** | 0 |

**Date - hour:** 12-Sep-2019 - 10:05

|  |  |  |  |
| --- | --- | --- | --- |
| **Tree number: (or ID)** | MECE32 | **Location:** | Mera |
| **Scientific name:** | *Cedrela sp.* | **X Coordinates (lon):** | 821165 |
| **Common name:** | Cedro | **Y Coordinates (lat):** | 9838349 |
| **CBH (cm):** | 120 | **Elevation (m a.s.l.):** | 572 |
| **DBH (cm):** | 38.21 | **Land slope (°):** | 20 |
| **TH (m):** | 10 | **Ground slope direction**  **(Ex. N-S, E-W):** | W-E |
| **CH (m):** | 7 | **Trunk (CH) (inclination °):** | 10 |
| **Tree crown (dominant, intermediate, suppressed, relicts):** | Relict | **Direction of the inclination of the trunk (Ex. N-S):** | W-E |
| **Fruit/Flowering status:** | - | **Name of collector(s):** | Dayana Jiménez  María Angélica Burneo  Madison Herrera |
| **Sapwood Color (verde)**  **Munsell Code and Color Name** |  | **Heartwood color (verde)**  **Munsell Code and Color Name** |  |
| **Flavor (verde)**  **Sweet, Bitter, Acid, Astringent, Absent, Characteristic (specify)** |  | **Odor (verde)**  **Aromatic, Unpleasant, Absent, Characteristic (specify)** |  |
| **Tree condition:**  **(Good, regular, poor)** | Good | **Comments:**  Tree without leaves, with Bromeliads, leaning slightly | |
| **Foliage (%):**  **(percentage of leaves)** | 0 |

**Appendix A.2** – *Continued*

**Date - hour:** 12-Sep-2019 - 10:05

|  |  |  |  |
| --- | --- | --- | --- |
| **Tree number:(or ID)** | MECE33 | **Location:** | Mera |
| **Scientific name:** | *Cedrela sp.* | **X Coordinates (lon):** | 827900 |
| **Common name:** | Cedro | **Y Coordinates (lat):** | 9844438 |
| **CBH (cm):** | 153 | **Elevation (m a.s.l.):** | 1158 |
| **DBH (cm):** | 48.70 | **Land slope (°):** | 25 |
| **TH (m):** | 12 | **Ground slope direction**  **(Ex. N-S, E-W):** | S-N |
| **CH (m):** | 10 | **Trunk (CH) (inclination °):** | 0 |
| **Tree crown (dominant, intermediate, suppressed, relicts):** | Relict | **Direction of the inclination of the trunk (Ex. N-S):** |  |
| **Fruit/Flowering status:** | - | **Name of collector(s):** | Dayana Jiménez  María Angélica Burneo  Madison Herrera |
| **Sapwood Color (verde)**  **Munsell Code and Color Name** |  | **Heartwood color (verde)**  **Munsell Code and Color Name** |  |
| **Flavor (verde)**  **Sweet, Bitter, Acid, Astringent, Absent, Characteristic (specify)** |  | **Odor (verde)**  **Aromatic, Unpleasant, Absent, Characteristic (specify)** |  |
| **Tree condition:**  **(Good, regular, poor)** | Good | **Comments:**  Next to a tree that was struck by lightning | |
| **Foliage (%):**  **(percentage of leaves)** | 0 |