

Appendix vi. Summarization of Environmental Factors that Delineate Gene-Ecological Zones

| Name zone | A | B | C | c | D | d | E | F | g | G | | | | | | | | | | |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|---------|-----|---------|-----|--------|-----|---------|-----|
| Area (ha) | 1628512 | 2106369 | 2045565 | 1238804 | 1979209 | 3226072 | 1873684 | 2294977 | 613262 | 1158609 | | | | | | | | | | |
| | g | 12 | 11 | 7 | 11 | 18 | 10 | 13 | 3 | 6 | | | | | | | | | | |
| | ha | ha | ha | ha | ha | ha | ha | ha | ha | ha | | | | | | | | | | |
| | % | % | % | % | % | % | % | % | % | % | | | | | | | | | | |
| Soil fertility * | | | | | | | | | | | | | | | | | | | | |
| low | 1471320 | 90 | 1721345 | 82 | 68870 | 3 | 112976 | 9 | 1222013 | 62 | 1999658 | 62 | 179744 | 10 | 1605204 | 70 | 148810 | 24 | 595828 | 51 |
| medium | 65619 | 4 | 242254 | 12 | 81137 | 4 | 163089 | 13 | 582892 | 29 | 413151 | 13 | 1589487 | 85 | 190956 | 8 | 96065 | 16 | 55937 | 5 |
| high | 91574 | 6 | 142602 | 7 | 1626927 | 80 | 902138 | 73 | 174304 | 9 | 747815 | 23 | 27342 | 1 | 431074 | 19 | 368388 | 60 | 506844 | 44 |
| Landuse global | | | | | | | | | | | | | | | | | | | | |
| Evergreen | 1362954 | 84 | 833648 | 40 | 231962 | 11 | 225525 | 18 | 632385 | 32 | 1330390 | 41 | 4855 | 0 | 261101 | 11 | 300315 | 49 | 974996 | 84 |
| Deciduous | 29067 | 2 | 658115 | 31 | 318425 | 16 | 118110 | 10 | 574304 | 29 | 1601402 | 50 | 33827 | 2 | 1919798 | 84 | 312949 | 51 | 183613 | 16 |
| Mangrove/flooded | 236494 | 15 | 187 | 0 | 818298 | 40 | 347444 | 28 | 19101 | 1 | 30439 | 1 | 625183 | 33 | | | | | | |
| Shrubland | | | 324082 | 15 | 162352 | 8 | 116481 | 9 | 203469 | 10 | 209675 | 6 | 178352 | 10 | 114078 | 5 | | | | |
| Agriculture | | | 290287 | 14 | 514527 | 25 | 431244 | 35 | 549951 | 28 | 54206 | 2 | 1031467 | 55 | | | | | | |
| Dry period | | | | | | | | | | | | | | | | | | | | |
| < 4 months | 1403488 | 86 | 1293755 | 61 | 403834 | 20 | 347965 | 28 | | | 483253 | 15 | 1701960 | 91 | 370038 | 16 | | | | |
| > 4 months | 225024 | 14 | 812564 | 39 | 1641732 | 80 | 890639 | 72 | 1979209 | 100 | 2742619 | 85 | 171725 | 9 | 1924939 | 84 | 613264 | 100 | 1727497 | 100 |
| Temperature min. | | | | | | | | | | | | | | | | | | | | |
| < 16.5 | 145275 | 9 | 152580 | 7 | | | | | | | 18102 | 1 | | | | | 180601 | 29 | 534873 | 46 |
| > 16.5 | 1483237 | 91 | 1953739 | 93 | 2045565 | 100 | 1238804 | 100 | 1979209 | 100 | 3207970 | 99 | 1873684 | 100 | 2508931 | 100 | 432661 | 71 | 623737 | 54 |
| Rainfall cat. | | | | | | | | | | | | | | | | | | | | |
| 800-1000 | | | | | 169406 | 8 | | | | | | | | | | | | | | |
| 1000-1200 | | | 272939 | 13 | 807799 | 39 | | 172237 | 9 | | | | | | | | | | | |
| 1200-1400 | 1024 | 0 | 1341874 | 64 | 891383 | 44 | 69561 | 6 | 1806961 | 91 | 45408 | 1 | 677707 | 38 | | | | | | |
| 1400-1600 | 68 | 0 | 457259 | 22 | 176977 | 9 | 249976 | 20 | 12 | 0 | 1532743 | 48 | 626309 | 33 | | | | | 41205 | 4 |
| 1600-1800 | | | | | | | 449025 | 36 | | | 1364462 | 42 | 408842 | 22 | 194144 | 8 | | | | |
| 1800-2000 | | | | | | | | | | | 142760 | 4 | 20995 | 1 | | | | | | |
| 2000-2200 | | | | | | | 470243 | 38 | | | 140699 | 4 | 135201 | 7 | 1875569 | 82 | 275576 | 45 | 149159 | 13 |
| 2200-2400 | | | | | | | | | | | | | | | 225265 | 10 | 272732 | 44 | 574663 | 50 |
| 2400-2600 | | | | | | | | | | | | | | | | | 64954 | 11 | 383583 | 34 |
| 2600-2800 | 23933 | 1 | 2151 | 0 | | | | | | | | | | | | | | | | |
| 2800-3000 | 58603 | 4 | 2463 | 0 | | | | | | | | | | | | | | | | |
| 3000-3200 | 338236 | 21 | 3641 | 0 | | | | | | | | | | | | | | | | |
| 3200-3400 | 794020 | 49 | 25993 | 1 | | | | | | | | | | | | | | | | |
| 3400-3600 | 106321 | 7 | | | | | | | | | | | | | | | | | | |
| 3600-3800 | 276959 | 17 | | | | | | | | | | | | | | | | | | |
| 3800-4000 | 19008 | 1 | | | | | | | | | | | | | | | | | | |
| 4000-4200 | 10340 | 1 | | | | | | | | | | | | | | | | | | |
| * water excluded | | | | | | | | | | | | | | | | | | | | |
| Name zones | | | | | | | | | | | | | | | | | | | | |
| A. Coastal Cardamoms | | | | | | | | | | | | | | | | | | | | |
| B. Northern Cardamoms | | | | | | | | | | | | | | | | | | | | |
| C. Tonle Sap Floodplains | | | | | | | | | | | | | | | | | | | | |
| D. Northwestern Lowlands | | | | | | | | | | | | | | | | | | | | |
| E. Lower Mekong Floodplains | | | | | | | | | | | | | | | | | | | | |
| F. Eastern Mekong Basin | | | | | | | | | | | | | | | | | | | | |
| G. Central Annamites | | | | | | | | | | | | | | | | | | | | |
| g. Redlands | | | | | | | | | | | | | | | | | | | | |
| d. Central Lowlands | | | | | | | | | | | | | | | | | | | | |
| g. Southern Annamites | | | | | | | | | | | | | | | | | | | | |

