Table S1: List of all ferns sampled. Includes abbreviations: JM #: sample number of field collection; terr.: terrestrial fern; epi.: epiphytic fern in respective zone of proliferation after Johansson (1974) with Z1 = stem basis, Z2 = stem, Z3 = inner canopy; ET: El Torre “Antennenberg”; if a size is given, fronds were measured as follows: length x width x petiole; red letters indicate unique collections deposited at the herbarium in Quito (QCA) only. Syn: synonym

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| |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Collection number** | **Family** | **Genus** | **Species** | **Author** | **Location** | **Elevation (m)** | | **Habit** | **Fertility** | **Comment** | | **JM 1** | Thelypteridaceae | Thelypteris | opposita | (Vahl) Ching | El Torre | | 1370 | terr. | steril | errect | | **JM 2** | Dennstaedtiaceae | Paesia | glandulosa | (Sw.) Kuhn | El Torre | | 1370 | terr. | fertil | scranding, errect, glandulos | | **JM 3** | Lycopodiaceae | Lycopodiella | camporum | B. Øllg. & P.G. Windisch | El Torre | | 1370 | terr. | fertil |  | | **JM 4** | Gleicheniaceae | Sticherus | spec |  | El Torre | | 1370 | terr. | steril | rhizome creeping, black, /wo scales, warty | | **JM 5** | Gleicheniaceae | Sticherus | spec |  | El Torre | | 1370 | terr. | fertil | rhizome creeping, black, /wo scales | | **JM 6** | Thelypteridaceae | Thelypteris | abortiva (“aborescence“) | (Blume) C.F.ReedC.V. Morton | El Torre | | 1370 | terr. | fertil | rhizome creeping, strong | | **JM 7** | Dicksoniaceae | Lophosoria | quadripinnata | (J.F. Gmel.) C. Chr. | El Torre | | 1370 | terr. | fertil | thick rhizome, short creeping, 175x60x100, 6-7 pinnae before apex | | **JM 8** | Dennstaedtiaceae | Pteridium | caudatum | (L.) Maxon | El Torre | | 1370 | terr. | fertil | 160x90x75 | | **JM 9** | Pteridaceae | Eriosorus | orbignyanus | (Mett. ex Kuhn) A.F. Tryon | El Torre | | 1370 | terr. | fertil | scrambling | | **JM 10** | Lomariopsidaceae | Elaphoglossum | glabellum | J. Sm. | below top ET | | 1287 | epi. (Z1) | steril | fronds stiff, metallic shine | | **JM 11** | Selaginellaceae | Selaginella | breynii | Spring | below top ET | | 1287 | terr. | fertil |  | | **JM 12** | Selaginellaceae | Selaginella | seemannii | Baker | below top ET | | 1287 | terr. | fertil |  | | **JM 13** | Blechnaceae | Blechnum | cordatum | (Desv.) Hieron. | below top ET | | 1287 | terr. | fertil | fronds dymorphic, young fronds red | | **JM 14** | Lomariopsidaceae | Elaphoglossum | lloense | (Hook.) T. Moore | below top ET | | 1287 | epi. (Z1) | steril | fronds stiff | | **JM 15** | Lomariopsidaceae | Elaphoglossum | raywaense | (Jenman) Alston | below top ET | | 1287 | epi. (Z1) | steril |  | | **JM 16** | Polypodiaceae | Pleopelits | bombycina | (Maxon) A.R. Sm. | descending ET | | 896 | epi. (Z2-3) | steril | on fallen branch, 3-5 plants in dense clump | | **JM 17** | Lomariopsidaceae | Elaphoglossum | luridum | (Fée) H. Christ | descending ET | | 896 | epi. (Z1) | steril |  | | **JM 18** | Polypodiaceae | Micropolypodium | plicatum | (A.R. Sm.) A.R. Sm. | descending ET | | 896 | epi. (Z1) | fertil | rare | | **JM 19** | Oleandraceae | Oleandra | articulata | Kuhn | descending ET | | 896 | epi. (Z1) | fertil | climber, on dead wood | | **JM 20** | Dennstaedtiaceae | Lindsaea | arcuata | Kunze | descending ET | | 896 | terr. | fertil | on red clayey soil | | **JM 21** | Polypodiaceae | Cochlidium | serrulatum | (Sw.) L.E. Bishop | descending ET | | 896 | epi. (Z1) | fertil | in cluster | | **JM 22** | Aspleniaceae | Asplenium | serrulatum | (Sw.) Sw. | descending ET | | 896 | epi. (Z1) | fertil |  | | **JM 23** | Hymenophyllaceae | Didymoglossum | ekmanii | (Wess. Boer) Ebihara & Dubuisson | WIS 1 | | 650 - 680 | epi. (Z1) | fertil |  | | **JM 24** | Aspleniaceae | Asplenium | laetum (syn: Hymenasplenium laetum (Sw.) L.Regalado & Prada) | Sw. | WIS 1 | | 650 - 680 | epi. (Z1) | fertil | rhizome long creeping, | | **JM 25** | Lomariopsidaceae | Bolbitis | lindigii (syn: Mickelia lindigii (Mett.) R.C.Moran, Labiak & Sundue) | (Mett.) C. Chr. | WIS 1 | | 650 - 680 | epi. (Z1) | steril | thick rhizome, creeping | | **JM 26** | Vittariaceae | Polytaenium | guayanense | (Hieron.) Alston | WIS 1 | | 650 - 680 | epi. (Z1) | fertil |  | | **JM 27** | Vittariaceae | Anetium | citrifolium (syn: Polytaenium citrifolium (L.) Schuettp) | (L.) Splitg | WIS 1 | | 650 - 680 | epi. (Z1) | steril | rhizome /w scales | | **JM 28** | Lomariopsidaceae | Elaphoglossum | ensiforme (syn: Elaphoglossum lloense (Hook.) T. Moore) | Mickel | WIS 1 | | 650 - 680 | epi. (Z1) | steril | elongated, rhizome thin, hydatodes | | **JM 29** | Polypodiaceae | Campyloneurum | repens | (Aubl.) C. Presl | WIS 1 | | 650 - 680 | epi. (Z1) | steril |  | | **JM 30** | Aspleniaceae | Asplenium | cristatum | Lam. | WIS 1 | | 650 - 680 | epi. (Z1) | steril | juvenil | | **JM 31** | Hymenophyllaceae | Trichomanes | radicans (syn: Vandenboschia radicans (Sw.) Copel.) | Sw. | WIS 1 | | 650 - 680 | epi. (Z1) | steril | creeping | | **JM 32** | Hymenophyllaceae | Didymoglossum | membranaceum | (L.) Vareschi | WIS 1 | | 650 - 680 | epi. (Z1) | fertil | rhizome long creeping | | **JM 33** | Lomariopsidaceae | Lomariopsis | prieuriana | Fée | WIS 1 | | 650 - 680 | terr., epi. (Z1) | fertil | on wood, climbing, dimorphic | | **JM 34** | Aspleniaceae | Asplenium | pearcei | Baker | WIS 1 | | 650 - 680 | epi. (Z1) | fertil |  | | **JM 35** | Polypodiaceae | Microgramma | thurnii | (Baker) R.M. Tryon & Stolze | WIS 1 | | 650 - 680 | epi. (Z1) | steril | rhizome long creeping | | **JM 36** | Selaginellaceae | Selaginella | praestans | Alston | WIS 1 | | 650 - 680 | terr. | fertil | rhizome long creeping | | **JM 37** | Lomariopsidaceae | Bolbitis | lindigii (syn: Mickelia lindigii (Mett.) R.C.Moran, Labiak & Sundue) | (Mett.) C. Chr. | WIS 1 | | 650 - 680 | terr. | steril |  | | **JM 38** | Aspleniaceae | Asplenium | tricholepis | Rosenst. | WIS 1 | | 650 - 680 | terr. | fertil |  | | **JM 39** | Thelypteridaceae | Thelypteris | interrupta | (Willd.) K. Iwats. | WIS 1 | | 650 - 680 | terr. | steril |  | | **JM 40** | Woodsiaceae. | Diplazium | ambiguum | Raddi | WIS 1 | | 650 - 680 | terr. | steril |  | | **JM 41** | Dennstaedtiaceae | Dennstaedtia | auriculata | H. Navarrete & B. Øllg. | WIS 1 | | 650 - 680 | terr. | steril |  | | **JM 42** | Dryopteridaceae | Tectaria | incisa | Cav. | WIS 1 | | 650 - 680 | terr. | fertil |  | | **JM 43** | Dryopteridaceae | Thelypteris | pilosa | (M. Martens & Galeotti) Crawford | WIS 1 | | 650 - 680 | terr. | steril |  | | **JM 44** | Woodsiaceae. | Diplazium | cf. expansum | Willd. | WIS 1 | | 650 - 680 | terr. | steril |  | | **JM 45** | Pteridaceae | Pteris | altissima | Poir. | WIS 1 | | 650 - 680 | terr. | fertil |  | | **JM 46** | Dryopteridaceae | Polybotrya | crassirhizoma | Lellinger | WIS 1 | | 650 - 680 | epi. (Z1) | steril |  | | **JM 47** | Pteridaceae | Adiantum | macrophyllum | Sw. | /bw WIS 1 & 2 | | 652 | epi. (Z1) | fertil |  | | **JM 48** | Aspleniaceae | Asplenium | spec |  | /bw WIS 1 & 2 | | 652 | epi. (Z1) | steril |  | | **JM 49** | Polypodiaceae | Campyloneurum | repens | (Aubl.) C. Presl | WIS 2 | | 656 - 660 | semi - epi. | fertil | terr. & low epiphyte on wood | | **JM 50 a** | Aspleniaceae | Asplenium | cf. laetum (syn: Hymenasplenium laetum (Sw.) L.Regalado & Prada) | Sw. | WIS 2 | | 656 - 660 | epi. (Z1) | fertil |  | | **JM 50 b** | Lomariopsidaceae | Lomariopsis | fendleri | D.C. Eaton | WIS 2 | | 656 - 660 | epi. (Z1) | fertil |  | | **JM 51** | Polypodiaceae | Serpocaulon | adnatum | (Kunze ex Klotzsch) A.R. Sm. | WIS 2 | | 656 - 660 | semi - epi. | fertil | terr. & low epiphyte on dead wood, thick rhizome | | **JM 52** | Thelypteridaceae | Thelypteris | gigantea | (Mett.) R.M. Tryon | WIS 2 | | 656 - 660 | terr. | steril |  | | **JM 53** | Hymenophyllaceae | Didymoglossum | ovale | E. Fourn. | WIS 2 | | 656 - 660 | epi. (Z1) | fertil |  | | **JM 54** | Polypodiaceae | Campyloneurum | phyllitidis | (L.) C. Presl | WIS 2 | | 656 - 660 | semi - epi. | steril | terr. & low epiphyte on wood | | **JM 55** | Thelypteridaceae | Thelypteris | interrupta | (Willd.) K. Iwats. | WIS 2 | | 656 - 660 | terr. | fertil |  | | **JM 56** | Pteridaceae | Adiantum | terminatum | Kunze ex Miq. | WIS 2 | | 656 - 660 | terr. | steril | short rhizome | | **JM 57** | Woodsiaceae. | Diplazium | expansum | Willd. | WIS 2 | | 656 - 660 | terr. | fertil |  | | **JM 58** | Dryopteridaceae | Lastreopsis | spec |  | WIS 2 | | 656 - 660 | terr. | steril |  | | **JM 59** | Marattiaceae | Danaea | cf. bicolor | Tuomisto & R.C. Moran | WIS 3 | | 992 - 1001 | terr. | fertil | rhizome /w kindel, dimorphic | | **JM 60** | Blechnaceae | Salpichlaena | volubilis | (Kaulf.)J. Sm. | WIS 3 | | 992 - 1001 | semi - epi. | fertil | rhiozme long creeping, sori in rows on both sides of midvene | | **JM 61** | Marattiaceae | Danaea | leprieurii | (Hook.) R.M. Tryon | WIS 3 | | 992 - 1001 | terr. | fertil | dimorphic, strong rhizome, errect standing | | **JM 62** | Dennstaedtiaceae | Lindsaea | stricta | (Sw.) Dryand. | WIS 3 | | 992 - 1001 | terr. | fertil | rhizome thin | | **JM 63** | Dennstaedtiaceae | Saccoloma | elegans | Kaulf. | WIS 3 | | 992 - 1001 | terr. | fertil |  | | **JM 64** | Lomariopsidaceae | Lomariopsis | japurensis | (Mart.) J. Sm. | WIS 3 | | 992 - 1001 | terr. | steril |  | | **JM 65** | Thelypteridaceae | Thelypteris | arcana | (Maxon & C.V. Morton) C.V. Morton | WIS 3 | | 992 - 1001 | terr. | fertil |  | | **JM 66** | Dennstaedtiaceae | Saccoloma | inaequale | (Kunze) Mett. | WIS 3 | | 992 - 1001 | terr. | fertil |  | | **JM 67** | Dennstaedtiaceae | Lindsaea | semilunata | (C. Chr.) C. Chr. | WIS 3 | | 992 - 1001 | terr. | fertil |  | | **JM 68** | Dryopteridaceae | Polybotrya | polybotryoides | (Baker) Christ | WIS 3 | | 992 - 1001 | semi - epi. | steril | terr. & low epiphyte | | **JM 69** | Hymenophyllaceae | Trichomanes | spec |  | WIS 3 | | 992 - 1001 | epi. (Z1) | fertil | rhizome long creeping | | **JM 70** | Pteridaceae | Adiantum | terminatum | Kunze ex Miq. | WIS 3 | | 992 - 1001 | semi - epi. | steril | terr. & low epiphyte | | **JM 71** | Dennstaedtiaceae | Lindsaea | schomburgkii | Klotzsch | WIS 4 | | 994 - 1011 | terr. | fertil |  | | **JM 72** | Hymenophyllaceae | Didymoglossum | hymenoides | (Hedw.) Copel. | WIS 4 | | 994 - 1011 | semi - epi. | steril | terr. on dead wood | | **JM 73** | Lomariopsidaceae | Elaphoglossum | decoratum | (Kunze) T. Moore | WIS 4 | | 994 - 1011 | semi - epi. | steril | terr. on dead wood | | **JM 74** | Aspleniaceae | Asplenium | auritum | Sw. | WIS 4 | | 994 - 1011 | epi. (Z1) | fertil | on dead leaning trunk | | **JM 75** | Lomariopsidaceae | Elaphoglossum | orbignyanum | (Fée) T. Moore: | WIS 4 | | 994 - 1011 | semi - epi. | steril | terr. on dead wood | | **JM 76** | Polypodiaceae | Campyloneurum | chlorolepis | Alston | WIS 4 | | 994 - 1011 | semi - epi. | steril | terr. on dead wood | | **JM 77** | Lomariopsidaceae | Elaphoglossum | cf. obovatum | Mickel | WIS 4 | | 994 - 1011 | semi - epi. | steril | terr. on dead wood | | **JM 78** | Vittariaceae | Vittaria | graminifolia | Kaulf. | WIS 4 | | 994 - 1011 | epi. (Z1) | fertil | on fallen tree | | **JM 79** | Vittariaceae | Vittaria | costata (syn: Ananthacorus angustifolius (Sw.) Underw. & Maxon) | Kunze | WIS 4 | | 994 - 1011 | epi. (Z1) | fertil | on fallen tree | | **JM 80** | Hymenophyllaceae | Hymenophyllum | polyanthos | Bosch | descending ET from WIS 4 | | 700 | epi. (Z1) | fertil | on dead wood | | **JM 81** | Dryopteridaceae | Polybotrya | osmundacea cf. caudata | Humb. & Bonpl. ex Willd. / Kunze | WIS 5 | | 677 - 682 | terr. | steril | rhizome short creeping | | **JM 82** | Dennstaedtiaceae | Dennstaedtia | auriculata | H. Navarrete & B. Øllg. | WIS 5 | | 677 - 682 | terr. | fertil | pinnae 200x100x70 | | **JM 83** | Polypodiaceae | Microgramma | thurnii | (Baker) R.M. Tryon & Stolze | WIS 5 | | 677 - 682 | epi. (Z1) | fertil |  | | **JM 84 a** | Polypodiaceae | Serpocaulon | loriceum | (L.) A.R. Sm. | WIS 5 | | 677 - 682 | semi - epi. | fertil | terr. & low epiphyte on dead wood, rhizome long climbing | | **JM 84 b** | Polypodiaceae | Pecluma | ptilodon | M.G.Price | WIS 5 | | 677 - 682 | semi - epi. | fertil | terr. & low epiphyte on dead wood, rhizome long climbing | | **JM 85** | Woodsiaceae. | Diplazium | ambiguum | Raddi | WIS 5 | | 677 - 682 | epi. (Z1) | steril |  | | **JM 86** | Dryopteridaceae | Polybotrya | caudata | Kunze | WIS 5 | | 677 - 682 | epi. (Z1) | steril | terr. & low epiphyte on wood | | **JM 87** | Cyatheaceae | Cyathea | tortuosa | R.C. Moran | WIS 5 | | 677 - 682 | terr. | steril | plant > 2m, 110x50x35 | | **JM 88** | Davalliaceae | Nephrolepis | rivularis | (Vahl) Mett. ex Krug | WIS 5 | | 677 - 682 | epi. (Z1) | steril |  | | **JM 89** | Aspleniaceae | Asplenium | repens | Hook. | WIS 5 | | 677 - 682 | epi. (Z1) | fertil | on dead wood | | **JM 90** | Aspleniaceae | Asplenium | auriculatum | Sw. | WIS 5 | | 677 - 682 | epi. (Z1) | fertil | on dead wood | | **JM 91** | Polypodiaceae | Campyloneurum | repens | (Aubl.) C. Presl | WIS 5 | | 677 - 682 | epi. (Z1) | fertil | rhizome long creeping | | **JM 92** | Vittariaceae | Anetium | citrifolium (syn: Polytaenium citrifolium (L.) Schuettp) | (L.) Splitg | WIS 5 | | 677 - 682 | epi. (Z1) | steril |  | | **JM 93** | Lomariopsidaceae | Elaphoglossum | raywaense | (Jenman) Alston | WIS 5 | | 677 - 682 | epi. (Z1) | steril | short rhizome | | **JM 94** | Dryopteridaceae | Polybotrya | fractiserialis | (Baker) J. Sm. | WIS 5 | | 677 - 682 | terr. | steril | short rhizome, errect | | **JM 95** | Selaginellaceae | Selaginella | exaltata | (Kunze) Spring | WIS 5 | | 677 - 682 | epi. (Z1 - 2) | fertil | predominant, long climbing | | **JM 96** | Selaginellaceae | Selaginella | pedata cf. parkeri | Klotzsch / (Hook. & Grev.) Spring | WIS 5 | | 677 - 682 | terr. | steril |  | | **JM 97** | Dryopteridaceae | Polybotrya | fractiserialis | (Baker) J. Sm. | WIS 5 | | 677 - 682 | terr. | fertil | dimorphic, short rhizome, errect | | **JM 99** | Polypodiaceae | Microgramma | tecta | (Kaulf.) Alston | WIS 5 | | 677 - 682 | epi. (Z1) | steril |  | | **JM 100** | Marattiaceae | Danaea | cf. Wendlandii | Rchb. f. | WIS 5 | | 677 - 682 | terr. | steril |  | | **JM 101** | Cyatheaceae | Cyathea | tortuosa | R.C. Moran | WIS 5 | | 677 - 682 | terr. | steril | 180x60x60 | | **JM 102** | Cyatheaceae | Alsophila | cuspidata | (Kunze) D.S. Conant | WIS 5 | | 677 - 682 | terr. | steril | 170x70x45 | | **JM 103** | Thelypteridaceae | Thelypteris | spec cf. decussata | (L.) Proctor | WIS 5 | | 677 - 682 | terr. | fertil |  | | **JM 104** | Dennstaedtiaceae | Dennstaedtia | auriculata | H. Navarrete & B. Øllg. | WIS 6 | | 682 - 694 | terr. | fertil | 280x80x120 | | **JM 105** | Woodsiaceae. | Diplazium | macrophyllum | Desv. | WIS 6 | | 682 - 694 | terr. | steril | rhizome short, errect | | **JM 106** | Blechnaceae | Blechnum | fraxineum | Willd. | WIS 6 | | 682 - 694 | terr. | steril | rhizome long creeping, dimorphic pinnae | | **JM 107** | Woodsiaceae. | Diplazium | macrophyllum | Desv. | WIS 6 | | 682 - 694 | terr. | fertil | 140x50x30 | | **JM 108** | Davalliaceae | Nephrolepis | rivularis | (Vahl) Mett. ex Krug | WIS 6 | | 682 - 694 | terr. | fertil |  | | **JM 109** | Hymenophyllaceae | Hymenophyllum | cf. plumieri | Hook. & Grev. | WIS 6 | | 682 - 694 | epi. (Z1 - 2) | steril | rhizome thin, creeping | | **JM 110** | Thelypteridaceae | Thelypteris | decussata | (L.) Proctor | WIS 6 | | 682 - 694 | terr. | fertil | 160x40x50 | | **JM 111** | Lomariopsidaceae | Elaphoglossum | raywaense | (Jenman) Alston | WIS 6 | | 682 - 694 | epi. (Z1) | fertil | fertil leaveas lighter & smaller than steril | | **JM 112** | Dryopteridaceae | Didymochlaena | truncatula | (Sw.) J. Sm. | WIS 6 | | 682 - 694 | terr. | steril | rhizome short, errect, circular arrangement of pinnae | | **JM 113** | Dryopteridaceae | Polybotrya | osmundaceae | Humb. & Bonpl. ex Willd. | WIS 6 | | 682 - 694 | terr. | fertil | dimorphic | | **JM 114** | Polypodiaceae | Campyloneurum | repens | (Aubl.) C. Presl | WIS 6 | | 682 - 694 | epi. (Z1) | steril | rhizome short creeping | | **JM 115** | Aspleniaceae | Asplenium | cirrhatum | Rich. ex Willd. | WIS 6 | | 682 - 694 | terr. | fertil |  | | **JM 116** | Thelypteridaceae | Thelypteris | interrupta | (Willd.) K. Iwats. | WIS 7 | | 1041 - 1056 | terr. | fertil | rhizome short, errect | | **JM 117** | Davalliaceae | Nephrolepis | rivularis | (Vahl) Mett. ex Krug | WIS 7 | | 1041 - 1056 | terr. | fertil |  | | **JM 118** | Vittariaceae | Polytaenium | lineatum | (Sw.) J. Sm. | WIS 7 | | 1041 - 1056 | epi. (Z1) | fertil | on dead wood, leathery, stiff leaves, sorie in two lines | | **JM 119** | Polypodiaceae | Campyloneurum | chlorolepis | Alston | WIS 7 | | 1041 - 1056 | epi. (Z1) | steril | on dead wood, rhizome short creeping | | **JM 120** | Hymenophyllaceae | Didymoglossum | angustifrons | Fée | WIS 7 | | 1041 - 1056 | epi. (Z1) | fertil | on dead wood | | **JM 121** | Pteridaceae | Adiantum | pulverulentum | L. | WIS 7 | | 1041 - 1056 | epi. (Z1) | fertil | rhizome short creeping | | **JM 122** | Lomariopsidaceae | Bolbitis | lindigii (syn: Mickelia lindigii (Mett.) R.C.Moran, Labiak & Sundue)) | (Mett.) C. Chr. | WIS 7 | | 1041 - 1056 | terr. | fertil |  | | **JM 123** | Woodsiaceae. | Diplazium | bombonasae | Rosenst. | WIS 7 | | 1041 - 1056 | epi. (Z1) | fertil | on rocks | | **JM 124** | Dryopteridaceae |  |  |  | WIS 7 | | 1041 - 1056 | epi. (Z1) | steril | on rocks | | **JM 125** | Lomariopsidaceae | Lomariopsis | fendleri | D.C. Eaton | WIS 7 | | 1041 - 1056 | epi. (Z1) | fertil | rhizome long creeping | | **JM 126** | Pteridaceae | Pteris | altissima | Poir. | WIS 7 | | 1041 - 1056 | terr. | steril | errect | | **JM 127** | Polypodiaceae | Microgramma | squamulosa | (Kaulf.) de la Sota i | WIS 8 | | 1051 - 1059 | epi. (Z1) | fertil | on dead wood | | **JM 128** | Polypodiaceae | Microgramma | fuscopunctata (syn: M. dictyophylla (Kunze ex Mett.) de la Sota)) | (Hook.) Vareschi | WIS 8 | | 1051 - 1059 | epi. (Z1) | fertil | on dead wood, rhizome partly /w light scales, dark | | **JM 129** | Davalliaceae | Nephrolepis | rivularis | (Vahl) Mett. ex Krug | WIS 8 | | 1051 - 1059 | terr. | steril |  | | **JM 130** | Polypodiaceae | Serpocaulon | cf. lasiopus | (Klotzsch) A.R. Sm. | WIS 8 | | 1051 - 1059 | epi. (Z1) | fertil | on dead wood, sori in one row on both sides of midvene, single pinnae distant in fertile leaves | | **JM 131** | Dryopteridaceae | Polybotrya | crassirhizoma | Lellinger | WIS 8 | | 1051 - 1059 | terr. | steril |  | | **JM 132** | Dryopteridaceae | Polybotrya | caudata | Kunze | WIS 8 | | 1051 - 1059 | terr. | steril |  | | **JM 133** | Thelypteridaceae | Thelypteris | opulenta | (Kaulf.) Fosberg | WIS 8 | | 1051 - 1059 | terr. | fertil |  | | **JM 134** | Dryopteridaceae |  |  |  | WIS 8 | | 1051 - 1059 | terr. | fertil |  | | **JM 135** | Polypodiaceae | Serpocaulon | dasypleuron | (Kunze) A.R. Sm. | River "Kosutka" | | 670 | epi. (Z1) | fertil |  | | **JM 136** | Polypodiaceae | Serpocaulon | loriceum | (L.) A.R. Sm. | R."Kosutka" | | 670 | epi. (Z1) | steril |  | | **JM 137** | Polypodiaceae | Serpocaulon | loriceum | (L.) A.R. Sm. | R."Kosutka" | | 670 | epi. (Z1) | steril |  | | **JM 138** | Polypodiaceae | Serpocaulon | cf. lasiopus | (Klotzsch) A.R. Sm. | R."Kosutka" | | 670 | epi. (Z1) | fertil |  | | **JM 139** | Davalliaceae | Nephrolepis | pendula | (Raddi) J. Sm. | R."Kosutka" | | 670 | epi. (Z1) | steril | up to 2m, pendant | | **JM 140** | Vittariaceae | Ananthacorus | angustifolium | (Sw.) Underw. & Maxon | R."Kosutka" | | 670 | epi. (Z1) | fertil |  | | **JM 141** | Polypodiaceae | Campyloneurum | chlorolepis | Alston | R."Kosutka" | | 670 | epi. (Z1) | fertil |  | | **JM 142** | Polypodiaceae | Microgramma | tecta | (Kaulf.) Alston | R."Kosutka" | | 670 | epi. (Z1) | steril | rhizome long creeping | | **JM 143** | Polypodiaceae | Pleopelits | macrocarpa | (Bory ex Willd.) Kaulf. | R. "Kosutka" | | 670 | epi. (Z1) | fertil |  | | **JM 144** | Aspleniaceae | Asplenium | auritum | Sw. | R."Kosutka" | | 670 | epi. (Z1) | fertil |  | | **JM 145** | Dryopteridaceae | Lastreopsis | cf. Exculta | (Mett.) Tindale | R."Kosutka" | | 670 | terr. | steril | 210x110x100 | | **JM 146** | Thelypteridaceae | Thelypteris | salzmannii | (Fée) C.V. Morton | R."Kosutka" | | 670 | terr. | fertil |  | | **JM 147** | Polypodiaceae | Campyloneurum | repens | (Aubl.) C. Presl | R. "Kosutka" | | 670 | epi. (Z1) | fertil | rhizome short creeping | | **JM 148** | Polypodiaceae | Microgramma | thurnii | (Baker) R.M. Tryon & Stolze | R."Kosutka" | | 670 | epi. (Z1) | fertil | rhizome long creeping | | **JM 149** | Selaginellaceae | Selaginella | pedata | Klotzsch | R."Kosutka" | | 670 | terr. | fertil |  | | **JM 150** | Thelypteridaceae | Thelypteris | opposita | (Vahl) Ching | R."Kosutka" | | 670 | terr. | steril |  | | **JM 151** | Polypodiaceae | Serpocaulon | triseriale | (Sw.) A.R. Sm. | R."Kosutka" | | 670 | epi. (Z1) | fertil | rhizome climbing | | **JM 152** | Thelypteridaceae | Macrothelypteris | torresiana | (Gaudich.) Ching | R."Kosutka" | | 670 | terr. | fertil | rhizome compact | | **JM 153** | Woodsiaceae. | Diplazium | macrophyllum | Desv. | R."Kosutka" | | 670 | terr. | fertil | 200x70x80. rhizome errect | | **JM 154** | Polypodiaceae | Pleopeltis | bombycina | (Maxon) A.R. Sm. | WIS 9 | | 922 - 974 | epi. (Z1) | steril |  | | **JM 155** | Polypodiaceae | Serpocaulon | lasiopus | (Klotzsch) A.R. Sm. | WIS 9 | | 922 - 974 | epi. (Z1) | steril |  | | **JM 156** | Polypodiaceae | Serpocaulon | spec |  | WIS 9 | | 922 - 974 | epi. (Z1) | steril |  | | **JM 157** | Dryopteridaceae | Polybotrya | osmundacea | Humb. & Bonpl. ex Willd. | WIS 9 | | 922 - 974 | epi. (Z1) | steril | rhizome long creeping | | **JM 158** | Thelypteridaceae | Thelypteris | opulenta | (Kaulf.) Fosberg | WIS 9 | | 922 - 974 | epi. (Z1) | fertil | on dead wood, about 20 pinnae in a cluster | | **JM 159** | Cyatheaceae | Cyathea | tortuosa | R.C. Moran | WIS 9 | | 922 - 974 | terr. | steril | 115x35x40, rhizome short, errect | | **JM 160** | Aspleniaceae | Asplenium | auritum | Sw. | WIS 9 | | 922 - 974 | epi. (Z1) | steril | on dead wood, pinnae dimorphic | | **JM 161** | Aspleniaceae | Asplenium | cristatum | Brack. | WIS 10 | | 989 - 1007 | terr. | fertil | rhizome short | | **JM 162** | Polypodiaceae | Serpocaulon | loriceum | (L.) A.R. Sm. | WIS 10 | | 989 - 1007 | semi - epi. | steril | terr. & low epiphyte, rhizome long creeping, greenish | | **JM 163** | Aspleniaceae | Asplenium | pearcei | Baker | WIS 10 | | 989 - 1007 | epi. (Z1) | steril |  | | **JM 164** | Dryopteridaceae |  |  |  | WIS 10 | | 989 - 1007 | terr. | steril | rhizome arranged circular, orangish hairs | | **JM 165** | Vittariaceae | Vittaria | lineata | (L.) J. E. Sm. | WIS 10 | | 989 - 1007 | epi. (Z1) | fertil |  | | **JM 166** | Davalliaceae | Nephrolepis | pectinata | (Willd.) Schott | WIS 10 | | 989 - 1007 | epi. (Z1) | steril |  | | **JM 167** | Lomariopsidaceae | Bolbitis | semipinnatifida | (Fée) Alston | WIS 10 | | 989 - 1007 | epi. (Z1) | fertil |  | | **JM 168** | Polypodiaceae | Campyloneurum | repens | (Aubl.) C. Presl | WIS 10 | | 989 - 1007 | epi. (Z1) | fertil | rhizome long creeping | | **JM 169** | Woodsiaceae. | Diplazium | ambiguum | Raddi | WIS 10 | | 989 - 1007 | terr. | steril |  | | **JM 170** | Lomariopsidaceae | Lomariopsis | japurensis | (Mart.) J. Sm. | WIS 10 | | 989 - 1007 | epi. (Z1) | fertil | on Stelzroots | | **JM 171** | Dryopteridaceae | Didymochlaena | truncatula | (Sw.) J. Sm. | WIS 10 | | 989 - 1007 | terr. | steril | rhizome /w large orange scales, up to 80cm | | **JM 172** | Dryopteridaceae | Didymochlaena | truncatula | (Sw.) J. Sm. | WIS 10 | | 989 - 1007 | terr. | fertil | > 2m, rhizome central /w scales, about 20 pinnae | | **JM 173** | Lomariopsidaceae | Bolbitis | lindigii (syn: Mickelia lindigii (Mett.) R.C.Moran, Labiak & Sundue) | (Mett.) C. Chr. | descending Cerro Copales | | 800 | epi. (Z1) | steril | rhizome creeping | | **JM 174** | Woodsiaceae. | Diplazium | aberrans | Maxon & C.V. Morton | descending Cerro Copales | | 800 | terr. | steril |  | | **JM 175** | Polypodiaceae | Microgramma | thurnii | (Baker) R.M. Tryon & Stolze | WIS 11 | | 683 - 692 | epi. (Z1) | fertil | sick sori | | **JM 176** | Aspleniaceae | Asplenium | serratum | L. | WIS 11 | | 683 - 692 | epi. (Z1) | fertil | climbing | | **JM 177** | Lomariopsidaceae | Elaphoglossum | zebrinum | Mickel | WIS 11 | | 683 - 692 | epi. (Z1) | steril | climbing | | **JM 178** | Vittariaceae | Anetium | citrifolium (syn: Polytaenium citrifolium (L.) Schuettp) | (L.) Splitg | WIS 11 | | 683 - 692 | epi. (Z1) | steril | on dead wood | | **JM 179** | Dryopteridaceae | Polybotrya | crassirhizoma | Lellinger | WIS 11 | | 683 - 692 | semi - epi. | steril | terr. & low epiphyte, climber, rhizome /w orange scales at tips | | **JM 180** | Aspleniaceae | Asplenium | Laetum (syn: Hymenasplenium laetum (Sw.) L.Regalado & Prada) | Sw. | WIS 11 | | 683 - 692 | semi - epi. | fertil | terr. & low epiphyte | | **JM 181** | Aspleniaceae | Asplenium | repens | Hook. | WIS 11 | | 683 - 692 | epi. (Z1) | fertil | on dead wood, rhizome long creeping | | **JM 182** | Thelypteridaceae | Thelypteris | leprieureii (syn) | (Hook.) R.M. Tryon | WIS 11 | | 683 - 692 | terr. | steril | rhizome short, errect | | **JM 183** | Dryopteridaceae | Didymochlaena | truncatula | (Sw.) J. Sm. | WIS 11 | | 683 - 692 | terr. | steril |  | | **JM 184** | Polypodiaceae | Pelcuma | hygrometrica | (Splitg.) M.G. Price | WIS 11 | | 683 - 692 | epi. (Z1) | steril | pendant | | **JM 185** | Selaginellaceae | Selaginella | pedata cf. parkeri | Klotzsch / (Hook. & Grev.) Spring | WIS 11 | | 683 - 692 | epi. (Z1) | steril |  | | **JM 186** | Lomariopsidaceae | Lomariopsis | fendleri | D.C. Eaton | WIS 11 | | 683 - 692 | epi. (Z1) | steril | climber | | **JM 187** | Lomariopsidaceae | Lomariopsis | fendleri | D.C. Eaton | WIS 11 | | 683 - 692 | epi. (Z1) | steril | well aff, climber | | **JM 188** | Lomariopsidaceae | Bolbitis | lindigii (syn: Mickelia lindigii (Mett.) R.C.Moran, Labiak & Sundue) | (Mett.) C. Chr. | WIS 11 | | 683 - 692 | terr. | steril | on dead wood | | **JM 189** | Woodsiaceae. | Diplazium | macrophyllum | Desv. | WIS 11 | | 683 - 692 | terr. | steril | /w Kindel, rhizome short, errect, 120x45x50 | | **JM 190** | Dryopteridaceae | Lastreopsis | exculta (syn) | (Mett.) Tindale | WIS 11 | | 683 - 692 | terr. | steril | young individual | | **JM 191** | Polypodiaceae | Grammitis | spec |  | WIS 12 | | 660 - 669 | epi. (Z1) | steril | well aff, but /w hairy leaf margins, forms cluster | | **JM 192** | Lomariopsidaceae | Elaphoglossum | zebrinum | Mickel | WIS 12 | | 660 - 669 | epi. (Z1) | steril | well aff, but unserrated | | **JM 193** | Polypodiaceae | Microgramma | thurnii | (Baker) R.M. Tryon & Stolze | WIS 12 | | 660 - 669 | epi. (Z1) | fertil |  | | **JM 194** | Lomariopsidaceae | Elaphoglossum | raywaense | (Jenman) Alston | WIS 12 | | 660 - 669 | epi. (Z1) | steril |  | | **JM 195** | Dennstaedtiaceae | Dennstaedtia | auriculata | H. Navarrete & B. Øllg. | WIS 12 | | 660 - 669 | terr. | steril |  | | **JM 196** | Aspleniaceae | Asplenium | cirrhatum | Rich. ex Willd. | WIS 12 | | 660 - 669 | epi. (Z1) | fertil |  | | **JM 197** | Polypodiaceae | Serpocaulon | lasiopus | (Klotzsch) A.R. Sm. | WIS 12 | | 660 - 669 | epi. (Z1) | fertil | on dead wood, climbing, up tp 85cm | | **JM 198** | Aspleniaceae | Asplenium | cirrhatum | Rich. ex Willd. | WIS 12 | | 660 - 669 | epi. (Z1) | fertil |  | | **JM 199** | Dryopteridaceae | Polybotrya | osmundacea | Humb. & Bonpl. ex Willd. | WIS 12 | | 660 - 669 | semi - epi. | steril | terr. & low epiphyte, climber | | **JM 200** | Polypodiaceae | Campyloneurum | phyllitidis | (L.) C. Presl | WIS 12 | | 660 - 669 | epi. (Z1) | fertil | pinnae up to 60cm, rhizome short | | **JM 201** | Polypodiaceae | Microgramma | tecta | (Kaulf.) Alston | WIS 12 | | 660 - 669 | epi. (Z1) | fertil | on dead wood | | **JM 202** | Polypodiaceae | Microgramma | reptans | (Cav.) A.R. Sm. | WIS 12 | | 660 - 669 | epi. (Z1) | steril | on dead wood | | **JM 203** | Hymenophyllaceae | Trichomanes | elegans | Rich. | WIS 12 | | 660 - 669 | epi. (Z1) | fertil | on small stone, short rhizome, errect, only exemple in plot | | **JM 204** | Hypodematiaceae | Didymochlaena | truncatula | (Sw.) J. Sm. | WIS 12 | | 660 - 669 | terr. | steril |  | | **JM 205** | Blechnaceae | Salpichlaeana | volubilis | (Kaulf.) Hook. | WIS 12 | | 660 - 669 | terr. | steril | liana-like climber, /w red leaves | | **JM 206** | Cyatheaceae | Cyathea | tortuosa | R.C. Moran | WIS 12 | | 660 - 669 | terr. | fertil | > 2m, 75x55x45 | | **JM 207** | Pteridaceae | Adiantum | latifolium | Lam. | station | | 675 | terr. | fertil | errect | | **JM 208** | Selaginellaceae | Selaginella | pedata | Klotzsch | station | | 675 | terr. | steril | errect | | **JM 209** | Thelypteridaceae | Thelypteris | opposita | (Vahl) Ching | station | | 675 | terr. | steril | wet ambit | | **JM 210** | Selaginellaceae | Selaginella | exaltata | (Kunze) Spring | station | | 675 | semi - epi. | fertil | terr. & low epiphyte, climber /w runners, forms dense carpet | | **JM 211** | Cyatheaceae | Alsophila | cuspidata | (Kunze) D.S. Conant | station | | 675 | terr. | steril | humid ambit | |  |  |  |  |  |  |  |