EDINBURGH JOURNAL OF BOTANY 69 (3): 525–559 (2012)
© Trustees of the Royal Botanic Garden Edinburgh (2012)
doi:10.1017/S0960428612000315

GENERAL INDEX TO VOLUME 69 (2012)

Note: Main entries are **emboldened**; * signifies the page range of keywords; pages with illustrations (Fig.), maps, appendices (App.) and reviews (Rev.) are indicated; tables are not annotated separately.

Abies, 381, 387, 458
Abuta
  grandifolia (Mart.) Sandwith, 277 App.
Acacia, 208 Rev.
  martii Benth., 39, 49 App.
Acanthaceae, 66 App.
Acanthus
  spinosus L., 66 App.
Acer, 458
  sempervirens L., 66 App.
Aceraceae, 66 App.
Achillea
  maritima (L.) Ehrend. & Y.P.Guo, 67 App.
Acosmium
  lentiscifolium Schott, 39, 49 App.
Actinodaphne
  campanulata Hook.f., 257
Adenochlaena
  siamensis Ridl., 403
Adenogynum Rchb.f. & Zoll., 401
  discolor Rchb.f. & Zoll., 401–402
  odontophyllum Miq., 403
Adhikari, B., 447–522
Adiantum
  capillus-veneris L., 66 App.
Adisca
  albicans Blume, 405
Aegilops
  comosa Sm., 77 App.
  lorentii Hochst., 77 App.
  triuncialis L., 77 App.
Aegiphila
  verticillata Vell., 15, 19
Aenigmatanthera
  lasiandra (A.Juss.) W.R.Anderson, 243
Aeschynanthus Jack, 342
Aframomum, 103
Agalmyla Blume, 342
Agaricales, 221, 226, 232
Agave
  americana L., 67 App.
Agonandra
  brasiliensis Miers ex Benth. & Hook.f., 11, 17, 19, 50 App.
  engleri Hoehne, 6, 19
Agrostistachys
  borneensis Becc., 372
Aira
  elegantissima Schur, 77 App.
Aizoaceae, 66 App.
Alchornea, 274 App.
  triplinervia (Spreng.) Müll.Arg., 274 App.
Alibertia
  edulis (Rich.) A.Rich. ex DC., 6, 8–10, 12–14, 16, 18, 20
Alkanna
  methanea Hausskn., 60, 69 App.
  orientalis (L.) Boiss., 69 App.
  tinctoria Tausch, 69 App.
Allium, 57
  ampeloprasum L., 66 App.
  chamaespathum Boiss., 66 App.
  guttatum Stev., 66 App.
  roseum L., 66 App.
  sphaerocephalon L., 66 App.
  subhirsutum L., 66 App.
  trifoliatum Cirillo, 66 App.
Alopecurus
  myosuroides Huds., 77 App.
Alphandia Baill., 389–411* [**390**]
  furfuracea Baill., 390
  verniciflua Airy Shaw, **391**–393 [392 Fig.], 411
Alphonsea
  arborea (Blanco) Merr., 98
Alpinia Roxb., 104, 195, 313
  galanga (L.) Willd., 199–200
  globosa (Lour.) Horan., 199
  hirsuta (Lour.) Horan., 199
Althaea
  officinalis L., 76 App.
Aluminium, 2, 23–24
Alvez, C.M., 259–280
Alyssum
  strigosum Banks & Sol., 70 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Amaioua
guianensis Aubl., 243
Amaranthaceae, 66 App.
Amaranthus
retroflexus L., 66 App.
silvestris Vill., 66 App.
Amaryllidaceae, 66 App.
Amazonia, 259–280*
transition zone forest in, 239–253
Amomum Roxb., 99–206* [**106**], 313–321*
sect. *Amomum*, 104
sect. *Cenolophon*, 103
sect. *Euamomum*, 103–104
sect. *Geanthus*, 103–104
ser. *Amomum*, 104
ser. *Integrae*, 104
ser. *Lobulatae*, 104
ser. *Oliganthae*, 104
ser. *Polyanthae*, 104
aculeatum, 131, 133, 150, 156
agastyamalayanum V.P.Thomas & M.Sabu, **313**–315 & Fig., 319 Fig.
aromaticum Roxb., 106, 200
biflorum auct., non Jack, 167, 171
biflorum Jack, 101, 135, 146
calcaratum Lamxay & M.F.Newman, 99, 106, 108, **110**–113 [113 Fig., 113 Map]
calcicolum Lamxay & M.F.Newman, 99, 105, 109, **113**–116 [115 Fig., 115 Map]
cardamom L., 103, 199
celsum Lamxay & M.F.Newman, 99, 102, 106–108, 115 Map, **117**–119 [118 Fig.]
chevalieri Gagnep. ex Lamxay, 99, 105, 108, 115 Map, **119**–121
chinense Chun, 106, 108, **121**–124 [122 Fig., 123 Map]
chryseum Lamxay & M.F.Newman, 99, 105, 109, 116, 123 Map, **124**–125, 127 Fig., 173
compactum Sol. ex Maton, 192
corynostachyum Wall., 139, 141
dealbatum Roxb., 105, 109, 113, 116, 122 Fig., **125**–129 [128 Map], 153, 161, 166, 179, 194
var. *sericeum* (Roxb.) Baker, 171, 173
echinatum Thwaites, 129
echinocarpum Alston, 106, 108, 110–111, 122 Fig., **129**–131 [129 Map], 150, 173, 175
echinosphaera K.Schum., 195, 198
elephantorum Pierre ex Gagnep., 101, 106, 108, 124, 128 Map, **131**–135 [132 Fig.], 150, 156
flavum, 131
fulviceps Thwaites, 313
gagnepainii T.L.Wu, K.Larsen & Turland, 106, 108, 129 Map, **134**–135
galanga Lour., 199
ghaticum K.G.Bhat, 313–314
glabrifolium Lamxay & M.F.Newman, 99, 106–107, **135**–138 [136 Fig., 137 Map]
glabrum S.Q.Tong, 105, 109, 132 Fig., 137 Map, **138**–139, 160–161
globosum Lour., 199
gracile Blume, 145
grana-paradisi L., 103
harmandii Gagnep., 104, 199
hirsutum Lour., 199
hirticalyx K.Schum., 199
koenigii J.F.Gmel., 106, 109, 117, 132 Fig., **139**–142 [140 Map], 184, 186
krervanh Pierre ex Gagnep., 106, 191–193
lacteum Ridl., 200
laoticum Gagnep., 104, 199
lappaceum Ridl., 200
littorale J.Koenig, 199
longiligulare T.L.Wu, 100, 106, 108, **142**–145 [143 Fig., 144 Map], 190, 198
longipetiolatum Merr., 105, 109, 144 Map, **145**–146
masticatorium Thwaites, 313–314, 319
maximum, **105**–106, 116, 166, 179
medium Lour., 200
microcarpum C.F.Liang & D.Fang, 100, 106–107, 143 Fig., **146**–149 [147 Map]
monophyllum Gagnep., 104, 200
montanum J.Koenig, 200
muricarpum Elmer, 106, 108, 143 Fig., **149**–151 [149 Map]
newmanii M.Sabu & V.P.Thomas, 313–314, 317 Fig., **319** & Fig.
nilgiricum V.P.Thomas & M.Sabu, 313
odontocarpum D.Fang, 105, 109, **151**–154 [152 Fig., 153 Map]
ovoideum Pierre ex Gagnep., 187, 190–191
pavieanum Gagnep., 104, 200
petaloideum (S.Q.Tong) T.L.Wu, 106, 110, 152 Fig., 153 Map, **154**–155

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

pierreanum Gagnep., 106, 110, 152 Fig., 153 Map, **155**–157, 166
plicatum Lamxay & M.F.Newman, 99, 105, 109, **157**–160 [158 Fig., 159 Map], 166
prionocarpum Lamxay & M.F.Newman, 99, 105, 109, 159 Map, **160**–161, 163 Fig.
racemosum Guibourt, 193
repens Sonn., 104, 200
repoeense Pierre ex Gagnep., 105, 109, 116, 119, 121, 124–125, 153, 157, 160–166 [**161**, 164 Fig., 165 Map], 179
robustum K.Schum., 187
rubidum Lamxay & N.S.Lý, 99, 106, 110, 165 Map, **166**–169 [169 Fig.]
schmidtii (K.Schum.) Gagnep., 102, 106–107, 164 Fig., **167**–171
sericeum Roxb., 106, 110, 164 Fig., 169 Map, **171**–173, 194
staminidivum Gobilik, A.L.Lamb & A.D.Poulsen, 179, 181
stephanocoleum Lamxay & M.F.Newman, 99, 106, 108, 169 Map, **173**–176 [174 Fig.]
subcapitatum Y.M.Xia, 105, 109, 153, 160–161, 166, **176**–179 [177 Fig., 178 Map]
subulatum Roxb., 99, 103–104, 106
tenellum Lamxay & M.F.Newman, 99, 106, 108, 175–176, 178 Map, **179**–182 [181 Fig.]
testaceum Ridl., 193
thyrsoideum Gagnep., 134
tomrey Gagnep., 106, 109, 135, 141, 177 Fig., **182**–186 [182 Map]
var. **stenophyllum** Gagnep., 106, 182 Map, **184**–185
var. **tomrey**, **182**–185
trilobum Gagnep., 104, 200
tsaoko Crevost & Lemarié, 105–**106**, 110, 177 Fig., 182 Map, **185**–187
uliginosum J.Koenig, 100, 106, 108, 111, 124, 145, 148, **187**–191 [188 Fig., 189 Map], 197–198
unifolium Gagnep., 104, 200
utriculosum (Ridl.) Holttum, 106
verum Blackw., 106, 110, 175, 189 Map, **191**–193
vespertilio Gagnep., 106, 110, 189 Map, **193**–195
villosum Lour., 100, **105**–106, 108, 111, 113, 124, 131, 145, 148, 176, 190, **195**–199 [195 Map]
var. **villosum**, 107, 188 Fig., **196**–199
var. **xanthioides** (Wall. ex Baker) T.L.Wu & S.J.Chen, 100, 106, 188 Fig., 195 Map, **198**–199
xanthioides Wall. ex Baker, 198
zedoaria Christm., 200
zerumbet L., 103, 200
zingiber L., 103, 200
Anacamptis
morio (L.) R.M.Bateman et al., 76 App.
pyramidalis (L.) Rich., 76 App.
Anacardiaceae, 6, 35, 40, 48 App., 66 App., 268, 273 App.
Anacardium
occidentale L., 48 App.
Anadenanthera
colubrina (Vell.) Brenan, 39, 41, 49 App.
peregrina (L.) Speg., 49 App.
Anagallis
arvensis L., 79 App.
Anagyris
foetida L., 73 App.
Anchusa
hybrida Ten., 69 App.
italica Retz., 69 App.
officinalis L., 69 App.
undulata L., 69 App.
Anchusella
variegata (L.) Bigazzi, Nardi & Selvi, 60, 69 App.
Andira
fraxinifolia Benth., 39, 49 App.
Andropogon
distachyos L., 77 App.
Andryala
integrifolia L., 67 App.
Anemone
coronaria L., 79 App.
pavonina Lam., 79 App.
Angiospermae, 66 App.
Anil Kumar, N., 281–285, 371–378
Anisophyllaceae, 260
Anna, 342
Anna Ancy, A.A., 441–445
Annona, 273 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

coriacea Mart., 18
crassiflora Mart., 13–14, 16, 18, 20
Annonaceae, 6, 48 App., 95–98, 243–246, 268, 273 App.
Anogramma
leptophylla (L.) Link, 66 App.
Anthemis
arvensis L., 67 App.
auriculata Boiss., 67 App.
chia L., 68 App.
ruthenica M.Bieb., 68 App.
tomentosa L., 68 App.
Anthodon
decussatum Ruiz & Pav., 243
Anthoxanthum
odoratum L., 77 App.
Anthyllis
hermanniae L., 73 App.
vulneraria
subsp. *rubriflora* (DC.) Arcang., 73 App.
Antiaropsis K.Schum., 417, 420
decipiens K.Schum., 422, 424–425, 428, 436–437 App.
Apeiba
membranacea Spruce ex Benth., 277 App.
Aphanes
arvensis L., 79 App.
Apiaceae, 67 App.
Apocynaceae, 48 App., 67 App., 83–93, 243, 246, 268–269
subfam. Asclepiadoideae, 83–93
Apuleia
leiocarpa (Vogel) J.F.Macbr., 243, 249
Aquifoliaceae, 260, 268, 273 App.
Arabidopsis
thaliana (L.) Heynh., 70 App.
Arabis
verna (L.) R.Br., 70 App.
Araceae, 67 App.
Araliaceae, 244, 258, 268, 273 App.
Arbutus
andrachne L., 72 App.
unedo L., 72 App.
Arecaceae, 48 App., 244, 257, 259, 263, 265, 267–269, 273–274 App.
Arisarum
vulgare Targ.-Tozz., 67 App.
Aristolochia
microstoma Boiss. & Spruner, 60, 67 App.
Aristolochiaceae, 60, 67 App.
Arrabidaea, 246
Artocarpus J.R.Forst. & G.Forst., 417, 420
dadah Miq., 422, 424–425, 428, 436–437 App.
Arunachal Pradesh, India, 379–388*
Arundo
donax L., 77 App.
plinii Turra, 77 App.
Asclepiadaceae, 67 App.
Ashtonia Airy Shaw, 389–411* [**393**]
excelsa Airy Shaw, 393–**394**, 397 Fig., 411
praeterita Airy Shaw, 394–**395**, 397 Fig., 411
Asparagaceae, 61, 67 App.
Asparagus
acutifolius L., 67 App.
Asphodelus
aestivus Brot., 81 App.
Aspidosperma Mart. & Zucc., 35, 246, 273 App.
cuspa (Kunth) S.F.Blake ex Pittier, 39, 48 App.
discolor A.DC., 243, 249
multiflorum A.DC., 48 App.
subincanum Mart. ex A.DC., 8, 10, 39, 48 App., 243
tomentosum Mart., 11, 16, 18, 20, 243
Aspleniaceae, 66 App.
Asplenium
ceterach L., 66 App.
obovatum Viv., 66 App.
Assam, 441–445*
Asteraceae, 48 App., 57, 60, 67 App., 220
Asterolinon
linum-stellatum (L.) Duby, 79 App.
Astragalus, 57
hamosus L., 73 App.
maniaticus Strid & Kit Tan, 59–60, 73 App.
pelecinus (L.) Barneby, 73 App.
tuberosus
subsp. *haarbachii*, 59
Astrocaryum
chambira Burret, 273 App.
murumuru Mart., 269, 273 App.
Astronium
fraxinifolium Schott ex Spreng., 10, 18, 20, 35, 39–41, 48 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Atheliaceae, 230
Atheliales, 230
Atriplex
prostrata Boucher ex DC., 71 App.
tatarica L., 71 App.
Attalea
insignis (Mart. ex H.Wendl.) Drude, 269, 273 App.
Aulotandra, 104
Australia, 301–311*
Austropaxillus, 224
contulmensis (Garrido) Bresinsky, **224**
Avena
barbata Pott, 77 App.
Averrhoidium Baill., 35
gardnerianum Baill., 35, 39–40, 51 App.

Baba, Y., 259–280
Baccharis, 12, 15–16, 227
magellanica (Lam.) Pers., 220, 222
Baden, H.M., 259–280
Balakrishnan, V., 281–285
Ballota
acetabulosa (L.) Benth., 75 App.
Baloghia Endl., 398
Balsaminaceae, 281–285*
Banisteriopsis (A.Juss.) B.Gates, 11
anisandra (A.Juss.) B.Gates, 13, 17
Baprea
bicolor Pierre ex Pax & K.Hoffm., 403
Barber, S., 323–345
Barlia
robertiana (Loisel) Greuter, 76 App.
Basidiomycota, 219–238*
Batesia
floribunda Spruce ex Benth., 275 App.
Bauhinia L., 6, 13, 19, 35
brevipes Vogel, 49 App.
cheilantha (Bong.) Steud., 49 App.
rufa (Bong.) Steud., 6, 13, 19, 29, 35, 39–40, 49 App.
Begonia L., 287–292*
sect. *Parvibegonia*, 287, 291
bella Phutthai, **287**–291 [288–289 Figs, 290 Map]
integrifolia Dalzell, 287, 291
sinuata Wall. ex Meisn., 290–291
Begoniaceae, 287–292
Bellardia
trixago (L.) All., 80 App.
Bentinckia
condapanna Berry & Roxb., 257
Berberidaceae, 447–522
Berberine, 458
Berberis L., 447–522* [458 Map]
subgen. *Australes*, 449
subgen. *Septentrionales*, 449
sect. *Wallichianae*, 449
angulosa Wall. ex Hook.f. & Thomson, 448, 450–451, 460–**461**, 463–464 & Map, 466–467, 496, 520
var. **angulosa**, 453–454 Figs, 456 Fig., **461**–462 & Fig., 464
var. **fasciculata** Ahrendt, 461, **463**–464
aristata DC., 448, 450–451, 454 Fig., 456 Fig., 460, **479**–483 [480 Fig., 481 Map], 520
var. *parviflora* Hook.f. & Thomson, 483
asiatica Roxb. ex DC., 448, 450–451, 453–454 & Figs, 456 Fig., 458, 460, **505**–508 [506 Fig., 507 Map]
bhutanensis Ahrendt, **518**
ceratophylla G.Don, 479, 483
chitria Buch.-Ham. ex Ker-Gawl., 479, 482–483
var. *sikkimensis* C.K.Schneid., 481, 483
concinna Hook.f., 450–451, 460, **469**–471 [471 Map], 519
var. *brevior* Ahrendt, 469, 472
var. **concinna**, 450, 454 Fig., 456 Fig., 470–472 [470 Fig., **471**]
var. **extensiflora** Ahrendt, 453–454 Figs, 456 Fig., 459, 470–**472** [470 Fig.]
cooperi, 464, 519
coriaria Royle ex Lindl., **519**
edgeworthiana C.K.Schneid., **519**
erythroclada Ahrendt, **519**
everestiana Ahrendt
var. *everestiana*, 466–467
var. **ventosa** Ahrendt, 450, 454 Fig., 456 Fig., 460, **464**–467 [465 Fig., 466 Map]
glaucocarpa Stapf, 450–451, 453–454 & Figs, 456 Fig., 460, **508**–510 [509 Fig., 510 Map], 519
griffithiana, 518
hamiltoniana Ahrendt, 450–451, 454 Fig., 456 Fig., 461, **491**–494 [492 Fig., 493 Map], 520

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

hobsonii Ahrendt, **519**
hookeri Lem., 450–451, 453–454 & Figs, 456 Fig., 459, **513**–516 [514 Fig., 515 Map]
subsp. *hookeri*, 516
subsp. *longipes*, 516
var. *microcarpa*, 515
var. *platyphylla*, 515
var. *viridis*, 515
insignis Hook.f. & Thomson, 448, 450–451, 453–454 Figs, 456 Fig., 458–459, **516**–518 [517 Fig., 518 Map]
subsp. *incrassata*, 518
subsp. *insignis*, 518
var. *tongloensis* C.K.Schneid., 516, 518
jaeschkeana C.K.Schneid., 500, 502
var. *jaeschkeana*, 500
var. **usteriana** C.K.Schneid., 450–451, 454 Fig., 456 Fig., 460, 475, 482, 491, **497**–500 [498 Fig., 499 Map]
karnaliensis Bh.Adhikari, 447, 450–451, 454 Fig., 457 Fig., 460, **500**–502 [501 Fig., 502 Map], 519
khasiana Ahrendt, **519**
koehneana C.K.Schneid., 450–451, 453 Fig., 455 Fig., 457 Fig., 460, **486**–489 [487 Fig., 488 Map]
var. *auramea* Ahrendt, 486, 488
kumaonensis C.K.Schneid., 450–451, 453 Fig., 455 Fig., 457 Fig., 459, **467**–469 [468 Fig., 469 Map]
lasioclema, 464
lycium Royle, **519**
mucrifolia Ahrendt, 450–451, 453 Fig., 455 Fig., 457 Fig., 460, **472**–475 [473 Fig., 474 Map], 500
orthobotrys Bienert ex Aitch., 491
var. *canescens* Ahrendt, 491
var. *orthobotrys*, 489, 491
var. **rubicunda** Ahrendt, 450–451, 455 Fig., 457 Fig., 461, **489**–491 [490 Fig., 491 Map]
parisepala Ahrendt, 461
pendryi Bh.Adhikari, 447, 450–451, 455 Fig., 457 Fig., 460, **477**–479 [478 Fig., 479 Map]
petiolaris Wall. ex G.Don, 450–451, 458, 460, **494**–497 [496 Map]
var. *extensa* Ahrendt ex R.R.Rao et al., 494, 497
var. **garhwalana** Ahrendt, 455 Fig., 457 Fig., 495–**497** [495 Fig.]
var. **petiolaris**, 453 Fig., 455 Fig., 457 Fig., 495–497 [495 Fig., **496**]
poluninii Ahrendt, 512–513
praecipua, 513
sikkimensis (C.K.Schneid.) Ahrendt, 481, 483
var. *baileyi* Ahrendt, 481
thomsoniana C.K.Schneid., 450–451, 453 Fig., 455 Fig., 457 Fig., 460, **484**–486 [485 Fig., 486 Map], 489, 500, 519–520
tsarica Ahrendt, 450–451, 453 Fig., 455 Fig., 457–459 [457 Fig.], **475**–477 [476 Fig., 477 Map], 479
umbellata Wall. ex G.Don, 464, 496, **519**–520
virescens Hook.f., 450–451, 455 Fig., 457 Fig., 460, **503**–505 [504 Fig., 505 Map], 519
vulgaris L., 458
wallichiana DC., 448, 450–451, 453 & Fig., 455 Fig., 457–459 [457 Fig.], **510**–513 [511 Fig., 512 Map]
Betula, 221, 458
Beyeria, 390
Bhaumik, M., 379–388
Bignoniaceae, 6, 35, 40, 48 App., 243–244, 246, 265, 268, 274 App.
Biodiversity, 219–238*
hotspots, 371
Biogeography
of *Dorstenia*, 413–440*
Biscutella
didyma L., 70 App.
Bituminaria
bituminosa (L.) Stirton, 73 App.
Blackstonia
perfoliata (L.) Huds.
subsp. *perfoliata*, 75 App.
Blechnum
magellanicum Desv., 220, 232
Blepharocalyx
salicifolius (Kunth) O.Berg, 50 App.
Blumeodendron
tokbrai auct. non (Blume) Kurz, 394
Boehmeria Jacq., 296, 303
nivea (L.) Gaudich., 301, 303, 306
Bolax
gummifer (Lam.) Spreng., 222

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Boletales, 222
Book reviews
Atlas of the Potential Vegetation of Ethiopia (I. Friis, S. Demissew & P. van Breugel), 207–209
Flora of Nepal Volume 3 (M.F. Watson et al.), 366–369
An Introduction to the Trees from the North of the Republic of Congo (D. Harris et al.), 369–370
John Ray's Cambridge Catalogue (1660) (P.H. Oswald & C.D. Preston trans./ed.), 363–366
Boraginaceae, 48 App., 60, 69 App., 243, 268, 274 App.
Borneo, 95–98
Borneodendron Airy Shaw, 389–411* [**398**]
aenigmaticum Airy Shaw, 398–**399**, 401 Fig., 411
Bosque de quebrada, 259–280
Bovista
aestivalis (Bonord.) Demoulin, **227**
brunnea Berk., **227**
dermatoxantha (Vittad.) De Toni, **227**, 236
limosa Rostr., **227**
nigrescens Pers., **228**
plumbea Pers., **228**
polymorphum Vittad., 227
pusilla (Batsch: Pers.) Pers., 227
Bowdichia
virgilioides Kunth, 6, 10, 12–13, 15–16, 18, 20, 39, 49 App.
Brachypodium
distachyon (L.) P.Beauv., 78 App.
pinnatum (L.) P.Beauv., 78 App.
retusum (Pers.) P.Beauv., 78 App.
sylvaticum (Huds.) P.Beauv., 78 App.
Brassica
cretica
subsp. *aegaea* (Heldr. & Halácsy) Snogerup et al., 70 App.
geniculata (Desf.) Snogerup & B.Snogerup, 70 App.
Brassicaceae, 57, 60, 70 App.
Braya, 368 Rev.
Brazil, 1–27, 239–253 [241 Map]
semi-arid region of, 29–51 [32 Map]
Brevicellicium
olivascens (Bres.) K.H.Larss. & Hjortstam, **231**
Briza
maxima L., 78 App.
minor L., 78 App.
Bromus, 57
diandrus Roth, 78 App.
fasciculatus C.Presl, 78 App.
intermedius Guss., 78 App.
japonicus Thunb.
subsp. *japonicus*, 78 App.
madritensis L., 78 App.
rigidus Roth, 78 App.
tectorum L., 78 App.
Brosimum P.Browne, 277 App., 418, 420
gaudichaudii Trécul, 11, 17–18, 20, 39, 50 App.
lactescens (S.Moore) C.C.Berg, 422, 424–425, 428, 436–437 App.
parinarioides Ducke, 277 App.
rubescens Taub., 243
utile (Kunth) Oken ex J.Presl, 277 App.
Bryonia
cretica L., 72 App.
Buchenavia, 274 App.
capitata (Vahl) Eichl., 249
tetraphylla (Aubl.) R.A.Howard, 243
Bunias
erucago L., 70 App.
Bupleurum
fruticosum Boiss. & Spruner, 67 App.
trichopodum Boiss. & Spruner, 67 App.
Burseraceae, 244, 268–269, 274 App.
Butia
capitata (Mart.) Becc., 29, 35, 41, 48 App.
Byrsonima
coccolobifolia Kunth, 12, 14, 17
crassa Nied., 15
crassifolia (L.) Kunth, 12
crispa A.Juss., 243, 245
cydoniifolia A.Juss., 8–9, 12, 14, 16, 18, 20
pachyphylla A.Juss., 39–40, 50 App.
verbascifolia (L.) DC., 15
Byrsophyllum
tetrandrum (Bedd.) Hook.f. ex Bedd., 257

Caatinga, 30
Cabralea
canjerana (Vell.) Mart., 6, 18

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Cactaceae, 70 App.
Cakile
maritima Scop.
subsp. *maritima*, 70 App.
Calatola
venezuelana Pittier, 276 App.
Calendula
arvensis L., 68 App.
officinalis L., 68 App.
Calicotome
villosa (Poir.) Link, 73 App.
Calliandra
foliolosa Benth., 49 App.
Callichlamys
latifolia (Rich.) K.Schum., 243
Callisthene, 10, 16
Calophyllum
brasiliense Cambess., 49 App., 274 App.
Calvatia, 228–229
caelata (Bull.) Morgan, 229
cyathiformis (Bosc.) Morgan, 228
gigantea (Batsch) Lloyd, **228**
tatrensis Hollos, 229
Calystegia
sepium (L.) R.Br., 72 App.
sylvatica (Kit.) Griseb., 72 App.
Cambodia, 99–206*
Camellia L., 347–355*
subgen. *Thea* (L.) Hung T.Chang, 355
sect. **Bidoupia** Orel, Curry & Luu, 347–**348**, 353, 355
sect. *Corallina* Sealy, 347, 353–355
sect. *Paracamellia* Sealy, 347, 353–355
sect. *Thea* (L.) Dyer, 347, 353–355
amplexifolia Merr. & Chun, 354
brevistyla Cohen-Stuart, 354
corallina (Gagnep.) Sealy, 354
gilbertii (A.Chev.) Sealy, 354
gracilipes Merr. ex Sealy, 354
inusitata Orel, Curry & Luu, 347–355 [**348**, 351 Fig.]
pubicosta Merr., 354
Campanula, 57
andrewsii A.DC.
subsp. *andrewsii*, 60, 70 App.
subsp. *hirsutula* Phitos, 53, 59–60, 70 App.
celsii A.DC.
subsp. *celsii*, 60, 70 App.
drabifolia Sm., 60, 70 App.
ramosissima Sm., 70 App.
spatulata Sm., 70 App.
subsp. *spruneriana* (Hampe) Hayek, 70 App.
topaliana Beauverd
subsp. *topaliana*, 60, 70 App.
Campanulaceae, 60, 70 App.
Campnosperma
gummifera (Benth.) Marchand, 273 App.
Campomanesia
velutina (Cambess.) O.Berg, 10, 17–18
Canonical correspondence analysis (CCA), 1–27*, 29–51
Canopy openness, 29–51*
Cantharellales, 231
Capparaceae, 70 App.
Capparis
spinosa
subsp. *rupestris* (Sm.) Nyman, 70 App.
Caprifoliaceae, 70 App.
Capsella
bursa-pastoris (L.) Medik., 70 App.
Caraipa, 274 App.
densifolia Mart., 243
Carapa
procera DC., 259, 265, 267, 269, 277 App.
Cardamine
flexuosa, 368 Rev.
Cardamomum Kuntze, 106
corynostachyum (Wall.) Kuntze, 139
dealbatum (Roxb.) Kuntze, 125
koenigii (J.F.Gmel.) Kuntze, 139
sericeum (Roxb.) Kuntze, 171
uliginosum (J.Koenig) Kuntze, 187
villosum (Lour.) Kuntze, 195
xanthioides (Wall. ex Baker) Kuntze, 198
Cardiopteridaceae, 274 App.
Carduus
pycnocephalus L., 68 App.
Carex
distachya Desf., 72 App.
distans L., 72 App.
extensa Good., 72 App.
illegitima Ces., 72 App.
Cariniana
decandra Ducke, 276 App.
Carlina, 365 Rev.
Carpobrotus
edulis (L.) N.E.Br., 66 App.
Carthamus

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

lanatus L., 68 App.
Caryocar
brasiliense Cambess., 10, 12, 16, 18
harlingii Prance & Encarn., 274 App.
Caryocaraceae, 268, 274 App.
Caryophyllaceae, 57, 60, 71 App.
Casearia, 279 App.
rupestris Eichler, 8, 10, 20, 24, 41, 51 App.
sylvestris Sw., 11, 13, 17, 19, 41, 51 App.
ulmifolia Vahl ex Vent., 279 App.
Castilla
ulei Warb., 277 App.
Cecropia, 280 App.
ficifolia Warb. ex Snethl., 269, 280 App.
pachystachya Trécul, 39, 41, 51 App., 243, 245
Cedrelinga
cateniformis (Ducke) Ducke, 275 App.
Celastraceae, 48 App., 243–244, 258
Centaurea
benedicta (L.) L., 68 App.
raphanina
subsp. *mixta* (DC.) Runemark, 60, 68 App.
Centaurium
erythraea Rafn, 75 App.
pulchellum (Sw.) Druce, 75 App.
tenuiflorum (Hoffmanns. & Link) Fritsch, 75 App.
subsp. *acutiflorum*, 75 App.
Centranthus
calcitrapae (L.) Dufr., 81 App.
ruber
subsp. *sibthorpii* Hayek, 81 App.
Cephalocroton Hochst.
sect. *Chloradenia* (Baill.) Müll.Arg., 401
albicans (Hassk.) Müll.Arg., 402
var. *genuinus* Müll.Arg., 403, 405
var. *virens* Müll.Arg., 403
discolor (Rchb.f. & Zoll.) Müll.Arg., 403
var. *genuinus* (Müll.Arg.) Müll.Arg., 403
var. *virens* (Müll.Arg.) Müll.Arg., 403
orientalis (Zipp. ex Span.) Scheff., 402
Cerastium
comatum Desv., 71 App.
glomeratum Thuill., 71 App.
Ceratonia
siliqua L., 73 App.
Cercis
siliquastrum L., 73 App.
Cerradão, 1–27*
Cerrado, 1–27*, 30
transition zone, 239–253
Cespedezia
spathulata (Ruiz & Pav.) Planch., 278 App.
Chaetocarpus
echinocarpus (Baill.) Ducke, 243
Chaetoporellaceae, 232
Character evolution
in *Dorstenia*, 413–440*
Chaunochiton
kappleri (Sagot ex Engl.) Ducke, 243
Cheilanthes
acrostica Tod., 66 App.
Cheiloclinium
cognatum (Miers) A.C.Sm., 243, 247
Chenopodiaceae, 71 App.
Chenopodium
vulvaria L., 71 App.
Chiliotrichum, 227
diffusum (G.Forst.) Kuntze, 220
Chimarrhis
gentryana Delprete, 279 App.
China, South West, 83–93*
Chirita D.Don, 323–345* [332 Fig., 335 Fig.]
sect. *Chirita*, 324, 334
sect. *Gibbosaccus* C.B.Clarke, 324, 334, 336
sect. *Liebigia* (Endl.) C.B.Clarke, 324
sect. *Microchirita* C.B.Clarke, 324, 333–334
anachoreta Hance, 325–326, 329, 337
asperifolia (Blume) B.L.Burtt, 329, 336–337
balansae Drake, 327, 338
bifolia D.Don, 329, 336–337
bimaculata D.Wood, 329, 333, 337
bogneriana B.L.Burtt, 327, 338
caliginosa C.B.Clarke, 329, 337
dielsii (Borza) B.L.Burtt, 326, 329, 333, 337
eburnea Hance, 329, 334, 338
flavimaculata W.T.Wang, 327, 338
fulva Barnett, 326, 337
hamosa R.Br., 329, 333, 337
hedyotidea Chun, 327, 338

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

involucrata Craib, 329, 337
lacunosa (Hook.f.) B.L.Burtt, 330, 337
lavandulacea Stapf, 330, 334, 337
liboensis W.T.Wang & D.Y.Chen, 327, 338
liguliformis W.T.Wang, 327, 338
longgangensis W.T.Wang, 327, 330, 334, 338
lutea Yan Liu & Y.G.Wei, 327, 338
macrophylla Wall., 330, 337
micromusa B.L.Burtt, 330, 334, 337
minutimaculata D.Fang & W.T.Wang, 327, 338
monantha W.T.Wang, 326, 337
moonii Gardner, 330, 337
napoensis Z.Yu Li, 328, 338
obtusidentata W.T.Wang, 327, 338
pumila D.Don, 326, 330, 334, 337
purpureolineata (Kerr ex Craib) D.Wood, 326, 337
rupestris Ridl., 331, 338
sericea Ridl., 331, 338
sinensis Lindl., 331, 334, 338
spadiciformis W.T.Wang, 328, 338
speciosa Kurz, 331, 337
spinulosa D.Fang & W.T.Wang, 328, 338
subrhomboidea W.T.Wang, 328, 338
tamiana B.L.Burtt, 328, 338–339
urticifolia Buch.-Ham. ex D.Don, 331, 334, 337
walkerae Gardner, 331, 337
zeylanica Hook., 331, 337
Chiritopsis W.T.Wang, 324
Chloradenia Baill., 401
discolor (Rchb.f. & Zoll.) Baill., 402
Chlorocardium
venenosum (Kosterm. & Pinkley) Rohwer et al., 276 App.
Christie, F., 323–345
Chromosome numbers, somatic, 323–345*
Chrozophora
tinctoria L., 72 App.
Chrysobalanaceae, 48 App., 243–244, 246, 266, 268–270, 274 App.
Chrysophyllum, 279 App.
manaosense (Aubrév.) T.D.Penn., 279 App.
marginatum (Hook. & Arn.) Radlk., 51 App.
sanguinolentum (Pierre) Baehni, 279 App.
Cichorium
intybus L., 68 App.
spinosum L., 68 App.
Cistaceae, 71 App.
Cistus
creticus L., 71 App.
salviifolius L., 71 App.
Cladanthus
mixtus (L.) Chevall., 68 App.
Cladogynos Zipp. ex Span., 389–411* [**401**]
orientalis Zipp. ex Span., 401–**402**, 405 Fig., 407, 411
var. *genuina* (Müll.Arg.) Pax & K.Hoffm., 403, 405
var. *grossedentata* Pax & K.Hoffm., 403
var. *virens* (Müll.Arg.) Pax & K.Hoffm., 403
Clavaria
fragilis Holmsk., **231**
vermicularis Fr., 231
Clavariaceae, 231
Clavulinopsis
corniculata (Fr.) Corner, 231
f. **simplex** Donk, **231**
helvola (Pers.: Fr.) Corner, **231**
inaequalis Fr., 231
luteoalba (Rea) Corner, **231**
Clematis
cirrhosa L., 79 App.
flammula L., 79 App.
Clusiaceae, 49 App., 243, 268, 274 App.
Clypeola
jonthlaspi
subsp. *microcarpa*, 70 App.
Coccoloba
declinata (Vell.) Mart., 51 App.
Cocconerion Baill., 398
Codonoboea Ridl., 336, 357–361*
crinita (Jack) C.L.Lim, 358
kjellbergii (B.L.Burtt) Karton., 357, **360**–361 [360 Map]
Colchicaceae, 61, 71 App.
Colchicum
bivonae Guss., 71 App.
cupanii Guss., 71 App.
psaridis Heldr., 53, 59, 61, 71 App.
variegatum L., 72 App.
Colutea
arborescens L., 73 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Combretaceae, 49 App., 243–244, 268, 274 App.
Commelinaceae, 441–445*
Commiphora, 208 Rev.
Community structure, of Brazilian Cerrado, 1–27
Conamomum Ridl., 106
  utriculosum Ridl., 106
Conceveiba Aubl., 275 App.
  sect. *Adenogynum* (Rchb.f. & Zoll.) Post & Kuntze, 401
  rhytidocarpa Müll.Arg., 274 App.
Conferticium
  ochraceum (Fr.) Hallenb., **230**
  ravum (Burt) Ginns & G.W.Freeman, 230
Coniophoraceae, 222
Connarus
  suberosus Planch., 11, 18
Convolvulaceae, 72 App.
Convolvulus
  althaeoides L., 72 App.
  elegantissimus Mill., 72 App.
  siculus L.
    subsp. *siculus*, 72 App.
Copaifera L., 35
  coriacea Mart., 49 App.
  langsdorffii Desf., 10, 16, 39, 41, 49 App., 243
  martii Hayne, 39, 49 App.
Cordia, 246, 274 App.
  glabrata (Mart.) A.DC., 48 App.
  sellowiana Cham., 243
  trichotoma (Vell.) Arráb. ex Steud., 243
Cordiera A.Rich. & DC., 35
  concolor (Cham.) Kuntze, 35, 39, 51 App.
  rigida (K.Schum.) Kuntze, 39–40, 51 App.
  sessilis (Vell.) Kuntze, 51 App.
Coridothymus
  capitatus (L.) Rchb.f., 75 App.
Coriolaceae, 233
Cortaderia
  pilosa (D'Urv.) Hack., 220, 222
Cortinarius, 235
Corydalis, 366 Rev.
Cosentinia
  vellea (Aiton) Tod., 66 App.
Costus L., 155
Cotula, 229
  scariosa (Cass.) Franch., 227, 229
Couepia
  grandiflora (Mart. & Zucc.) Benth. ex Hook.f., 11, 16, 18
  monteclarensis Prance, 48 App.
Couratari, 276 App.
Coussapoa
  orthoneura Standl., 280 App.
  trinervia Spruce ex Mildbr., 263, 269, 280 App.
Coussarea
  contracta (Walp.) Benth. & Hook.f. ex Müll.Arg., 51 App.
  cornifolia (Benth.) Benth. & Hook.f., 16
Crassulaceae, 72 App.
Crataegus
  monogyna Jacq., 79 App.
Crepis
  commutata (Spreng.) Greuter, 68 App.
  dioscoridis L., 68 App.
  foetida L., 68 App.
  hellenica Kamari
    subsp. *hellenica*, 60, 68 App.
  multiflora Sm., 68 App.
  neglecta L.
    subsp. *neglecta*, 68 App.
  rubra L., 68 App.
Crithmum
  maritimum L., 67 App.
Crocus
  cancellatus
    subsp. *mazziaricus* (Herb.) Mathew, 75 App.
  sieberi
    subsp. *atticus* (Boiss. & Heldr.) Mathew, 53, 58, 61, 75 App.
Croton
  palanostigma Klotzsch, 269, 275 App.
Crucianella
  graeca Boiss. & Spruner, 79 App.
  latifolia L., 79 App.
Cruciferae, 366 Rev., 368 Rev.
Crupina
  crupinastrum (Moris) Vis., 68 App.
Cucurbitaceae, 72 App.
Cupania
  vernalis Cambess., 243
Cupressaceae, 66 App.
Cupressus
  macrocarpa Gord., 225
  sempervirens L., 66 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Curatella
americana L., 12, 14, 16, 20, 40–41, 49 App.
Curcuma
longa L., 99
zedoaria (Christm.) Roscoe, 200
Curry, A.S., 347–355
Cuscuta
epithymum (L.) L., 72 App.
planiflora Ten., 72 App.
Cyathocalyx, 95–98*
maingayi Hook.f. & Thomson, 95–97
marginalis Scheff., 95–97
Cybianthus
detergens Mart., 6, 13, 18
Cybistax
antisyphilitica (Mart.) Mart., 11, 19
Cyclamen
graecum Link, 79 App.
hederifolium Aiton, 79 App.
peloponnesiacum (Grey-Wilson) Kit Tan subsp. *peloponnesiacum*, 60, 79 App.
Cylindrobasidium
evolvens (Pers.) Jülich, 227
laeve (Pers.: Fr.) Chamuris, **226**
Cymbalaria
longipes (Boiss. & Heldr.) A.Chev., 80 App.
microcalyx (Boiss.) Wettst., 80 App.
Cynodon
dactylon L., 78 App.
Cynoglossum
columnae Ten., 69 App.
creticum Mill., 69 App.
Cynosurus
echinatus L., 78 App.
elegans Desf., 78 App.
Cyperaceae, 72 App.
Cyphostigma
schmidtii (K.Schum.) K.Schum., 167
Cyrtandra J.R.Forst. & G.Forst., 342
Cytinus
hypocistis subsp. *clusii* Nyman, 79 App.
Cytology
of Gesneriaceae, 323–345*

Dacrymyces
stillatus Nees, **225**–226, 236
Dacrymycetaceae, 225
Dacrymycetales, 225
Dacryodes, 249, 274 App., 395
Dactylis
glomerata L., 78 App.
Dactylorhiza
saccifera Soó, 76 App.
Dalbergia
brasiliensis Vogel, 39, 49 App.
miscolobium Benth., 11, 18
Damrongia Kerr ex Craib, 323–345*
fulva (Barnett) D.J.Middleton & A.Weber, 325–326, 332 Fig., 336–337
lacunosa (Hook.f.) D.J.Middleton & A.Weber, 336–337
purpureolineata Kerr ex Craib, 325–326, 332 Fig., 336–337
Dasoclema, 95
siamensis (Craib) J.Sinclair, 98
Datura
stramonium L., 80 App.
Daucus
carota L., 67 App.
guttatus Sm., 67 App.
involucratus Sm., 67 App.
Davilla
elliptica A.St.-Hil., 41, 49 App.
rugosa Poir., 13
Debregeasia Gaudich., 301–311*
australis Friis, Wilmot-Dear & C.J.Chen, 301–311* [**302**, 304 Fig., 305 Map, **309**]
ceylanica Hook.f., 310
dentata Hook.f., 301–303, 308–310 [**309**]
elliptica C.J.Chen, 301, 303, 308–**309**
longifolia (Burm.f.) Wedd., 301, 307, **309**
orientalis C.J.Chen, 301, 307, **309**
sabeneb (Forssk.) Hepper & Wood, 307–**308**
squamata King ex Hook.f., 301–303, 308–**310**
f. *etuberculata* Wilmot-Dear, 301, 309
velutina Gaudich., 301, 309
wallichiana Wedd., **310**
subsp. **ceylanica** (Hook.f.) Wilmot-Dear, 308, **310**
subsp. **wallichiana**, 308, **310**
Delphinium
peregrinum L., 79 App.
Dendrobangia
boliviana Rusby, 274 App.
Devipriya, M.S., 255–258

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

DEVIPRIYA, V., 255–258
Dichapetalaceae, 244
Didymocarpus Wall., 336
hancei Hemsl., 342
Dihang Dibang Biosphere Reserve, India, 379, 381, 387
Dilleniaceae, 49 App.
Dilodendron Radlk., 35
bipinnatum Radlk., 8, 10, 20, 24, 35, 39–40, 51 App.
Dimocarpus, 372
longan Lour., 375
Dimorphandra
mollis Benth., 11, 13–14, 16
Dioscorea
communis (L.) Caddick & Wilkin, 72 App.
Dioscoreaceae, 72 App.
Diospyros
hispida A.DC., 6, 18, 39–40, 49 App.
sericea A.DC., 243
Diplotropis, 250
Dipsacaceae, 72 App.
Dittrichia
graveolens (L.) Greuter, 68 App.
viscosa (L.) Greuter, 68 App.
Diversification rate
of *Dorstenia*, 413–440*
Diversity, 29–51*
of palm-dominated creek forest, 259–280*
Dontostemon, 368 Rev.
Doronicum
orientale Hoffm., 68 App.
Dorstenia L., 413–440*
sect. *Acauloma*, 416
sect. *Bazzemia*, 416
sect. *Dorstenia*, 416, 422
sect. *Emygodia*, 416, 422
sect. *Kosaria*, 416, 422
sect. *Lecanium*, 416, 422
sect. *Lomatophora*, 416, 422
sect. *Nothodorstenia*, 416, 422–423, 429
sect. *Xylodorstenia*, 416, 422–423, 429
africana (Baill.) C.C.Berg, 422, 424–425, 428, 435 App., 438 App.
alta Engl., 422, 424–425, 428, 435 App., 438 App.
arifolia Lam., 422, 424–425, 428, 431, 435 App., 438 App.
benguellensis Welw., 422, 424–425, 428, 435 App., 438 App.
brasiliensis Lam., 422, 424–425, 428, 435 App., 438 App.
brownii Rendle, 422, 424–425, 428, 435 App., 438 App.
cayapia Vell., 422, 424–425, 428, 435 App., 438 App.
subsp. *asaroides* (Hook.) C.C.Berg, 424–425, 428, 435 App., 438 App.
subsp. *paraguariensis* (Hassl.) C.C.Berg, 422, 424–425, 428, 436 App., 438 App.
subsp. *vitifolia* (Gardner) C.C.Berg, 424–425, 428, 436 App., 439 App.
choconiana S.Watson, 422, 424–425, 428, 431, 436 App., 439 App.
ciliata Engl., 415 Fig.
contrajerva L., 422, 424–425, 428, 436 App., 439 App.
cuspidata Hochst., 422, 424–425, 428, 439 App.
var. *humboltiana* (Baill.) Leandri, 436 App.
djettii Guillamet, 422, 424–425, 428, 436 App., 439 App.
drakena L., 422, 424–425, 428, 436 App., 439 App.
elata Gardner, 422, 424–425, 428, 436 App., 439 App.
elliptica Bureau, 422, 424–425, 428, 436 App., 439 App.
excentrica Moric., 422, 424–425, 428, 436 App., 439 App.
fawcettii Urb., 422, 424–425, 428, 436 App., 439 App.
foetida Schweinf., 422, 424–425, 428, 436 App., 439 App.
hildebrandtii Engl., 422, 424–425, 428, 436 App., 439 App.
hirta Desv., 422, 424–425, 428, 436 App., 439 App.
holstii Engl., 422, 424–425, 428, 436 App., 439 App.
kameruniana Engl., 422, 424–425, 428, 436 App., 439 App.
lindeniana Bureau, 422, 424–425, 428, 436 App., 439 App.
manii Hook.f.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

var. *manii*, 422, 424–425, 428, 436 App., 440 App.
milaneziana Carauta et al., 422, 424–425, 428, 436 App., 440 App.
nummularia Urb. & Ekman, 422, 424–425, 428, 436 App., 440 App.
peruviana C.C.Berg, 422, 424–425, 428, 436 App., 440 App.
picta Bureau, 422, 424–425, 428, 436 App., 440 App.
psilurus Welw., 422, 424–425, 428, 436 App., 440 App.
var. *psilurus*, 429
var. *scabra* Bureau, 422, 424–425, 428–429, 436 App., 440 App.
roigii Britton, 422, 424–425, 428, 436 App., 440 App.
tayloriana Rendle
var. *tayloriana*, 422, 424–425, 428, 436 App., 440 App.
turbinata Engl., 422, 424–425, 428, 436 App., 440 App.
variifolia Engl., 422, 424–425, 428, 436 App., 440 App.
Dorycnium
hirsutum (L.) Ser., 73 App.
Draba, 367 Rev.
lanceolata, 367 Rev.
Dracaena
ombet, 207 Rev.
Drimia
maritima (L.) Baker, 67 App.
Dryobalanops
rappa, 395
Drypetes
venusta (Wight) Pax & Hoffm., 375
Duguetia
marcgraviana Mart., 243
Dysploidy, 323–345*

Ebenaceae, 49 App., 243
Ecclinusa
lanceolata (Mart. & Eichler) Pierre, 279 App.
Echium
italicum L., 69 App.
plantagineum L., 69 App.
Ecotone, 29–51*
Ectomycorrhiza, 219–238*
Edaphic variables, 29–51*
Elaeocarpaceae, 244, 268, 274 App.
Elaeoselinum
asclepium L., 67 App.
Elettaria, 103
cardamomum (L.) Maton, 99, 199–200
Elettariopsis, 101, 104–106
longipetiolata (Merr.) D.Fang, 145–146
monophylla (Gagnep.) Loes., 200
schmidtii K.Schum., 167, 171
triloba (Gagnep.) Loes., 200
unifolia (Gagnep.) M.F.Newman, 200
Elymus
farctus (Viv.) Runemark ex Melderis, 78 App.
Elytrigia
scirpea (C.Presl) Holub, 78 App.
Empetraceae, 220
Empetrum
rubrum Vahl, 220
Endemism
in *Begonia*, 287–292
in Greece, 53–81
in *Impatiens*, 281–285*
Endlicheria
dysodantha (Ruiz & Pav.) Mez, 276 App.
Enterolobium
gummiferum (Mart.) J.F.Macbr., 6, 19
schomburgkii (Benth.) Benth., 243, 249
Environmental heterogeneity, 29–51
Environmental Protection Area, Brazil, 29–51 [32 Map]
Ephedra
foeminea Forssk., 66 App.
Ephedraceae, 66 App.
Ephedranthus
parviflorus S.Moore, 243
Epilobium
obscurum Schreb., 76 App.
Epimedium, 447
Epiprinus
mallotiformis (Müll.Arg.) Croizat, 375
Erica
arborea L., 72 App.
manipuliflora Salisb., 72 App.
Ericaceae, 72 App., 220
Erigeron
bonariensis L., 68 App.
Eriotheca
macrophylla (K.Schum.) A.Robyns, 50 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Erisma
bicolor Ducke, 280 App.
Erodium
ciconium (L.) L'Hér., 75 App.
cicutarium (L.) L'Hér., 75 App.
gruinum (L.) L'Hér., 75 App.
Erophila
verna (L.) Chevall., 70 App.
Eruca
vesicaria (L.) Cav., 70 App.
Erysimum
cheiri (L.) Crantz, 70 App.
corinthium (Boiss.) Wettst., 60, 70 App.
graecum Boiss. & Heldr., 60, 70 App.
Erythrina, 275 App.
Erythroxylaceae, 6, 49 App.
Erythroxylum, 6, 8–10, 12, 14, 16, 18, 20
cuneifolium (Mart.) O.E.Schulz, 49 App.
daphnites Mart., 15
suberosum A.St.-Hil., 6, 11–12, 14, 16, 19–20
tortuosum Mart., 12, 14, 17
Escherichia
coli, 418
Eschweilera, 266, 276 App.
coriacea (DC.) S.A.Mori, 269, 276 App.
gigantea (R.Knuth) J.F.Macbr., 276 App.
tessmannii R.Knuth, 276 App.
Etlingera Giseke, 102–104, 199
harmandii (Gagnep.) R.M.Sm., 199
littoralis (J.Koenig) Giseke, 199
pavieana (Gagnep.) R.M.Sm., 200
Eucalyptus, 405
Eugenia L., 35, 243, 245, 278 App.
dysenterica DC., 6, 8–10, 12, 14, 16, 18, 20, 41, 50 App.
florida DC., 39–40, 50 App., 243
indica (Wight) Chithra, 257
ligustrina (Sw.) Willd., 50 App.
stictopetala DC., 50 App.
Euphorbia, 57
acanthothamnos Boiss., 72 App.
aleppica L., 72 App.
characias L., 72 App.
dendroides L., 72 App.
exigua L., 72 App.
falcata L., 72 App.
myrsinites L., 72 App.
paralias L., 72 App.
peplus L., 72 App.
santapaui A.N.Henry, 257
taurinensis All., 72 App.
Euphorbiaceae, 49 App., 72 App., 244, 258–259, 266–269, 274–275 App., 389–411*
subfam. Acalyphoideae, 401
subfam. Crotonoideae, 390, 398, 407
subfam. Oldfieldioideae, 398
subfam. Phyllanthoideae, 393
tribe Aleuritideae, 407
tribe Antidesmeae, 393
tribe Epiprineae, 401
tribe Jatropheae, 407
tribe Ricinocarpeae, 390, 398
subtribe Bertyinae, 398
subtribe Epiprinae, 401
subtribe Grosserinae, 407
subtribe Mischodontinae, 398
subtribe Ricinocarpinae, 390
subtribe Scepinae, 393
Euterpe
precatoria Mart., 267, 269, 273 App.
Evax
pygmaea (L.) Brot., 68 App.
Evolution
of *Chirita*, 323–345
Exidiaceae, 226
Exidiopsis
effusa (Sacc.) F.H.Moeller, **226**

Fabaceae, 6, 29, 35, 40, 57, 59–60, 73 App., 243–244, 246, 259–260, 263, 266–270, 275–276 App.
subfam. Caesalpinioideae, 49 App., 246
subfam. Faboideae, 49 App., 246
subfam. Mimosoideae, 49 App., 246
Fagaceae, 74 App., 232
Fagus
sylvatica L., 234
Falkland Islands, 219–238
Favolaschia, **227**
horakii Watling, 227
Favolaschiaceae, 227
Fernandes, G.W., 29–51
Fernandes, L.A., 29–51
Ferreira-Junior, W.G., 1–27
Ficus L., 243, 278 App., 413–414, 418, 420–421
carica L., 76 App., 422, 424–425, 428, 437 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

obtusifolia Kunth, 39, 50 App.
Filago
eriocephala Guss., 68 App.
gallica L., 68 App.
germanica (L.) Huds., 68 App.
pyramidata L., 68 App.
Flooding regime, 29–51*
Flora, of South Aegean Volcanic Arc (SAVA), 53–81
Flores, Indonesia, 293–299*
Florestal Nacional (FLONA) de Paraopeba, Brazil, 1–27 [4 Map]
Floristic changes, 239–253*
Floristic composition
of Brazilian Cerrado, 1–27
of palm-dominated creek forest, 259–280*
Floristic inventory
of palm-dominated creek forest, 259–280
Foeniculum
vulgare Mill., 67 App.
Forests
Amazonian semideciduous transition, 239–253*
palm-dominated creek, 259–280
terra firme, 259–280*
Wayanad, 371–378
Fosteronia, 243, 246
rufa Müll.Arg., 243
Fraunhofera
multiflora Mart., 39, 48 App.
Fridericia, 243
candicans (Rich.) L.G.Lohmann, 243
Friis, I., 293–299, 301–311
Fumana
arabica (L.) Spach, 71 App.
thymifolia (L.) Webb, 71 App.
Fumaria
capreolata L., 77 App.
gaillardotii Boiss., 77 App.
kralikii Jord., 77 App.
macrocarpa Parl.
subsp. *macrocarpa*, 77 App.
officinalis L., 77 App.
petteri Rchb., 77 App.
Fumariaceae, 366 Rev.
Fungi
ectomycorrhizal, 219–238
saprotrophic, 225–235
Gagea
graeca (Kunth) A.Terracc., 76 App.
pedunculoris (C.Presl) Pascher, 76 App.
Galium, 57
aparine L., 79 App.
capitatum Bory & Chaub., 60, 79 App.
divaricatum Pourr. ex Lam., 80 App.
heldreichii Halácsy, 80 App.
murale (L.) All., 80 App.
peloponnesiacum Ehrend. & Krendl, 60, 80 App.
setaceum Lam., 80 App.
verrucosum Huds., 80 App.
Garhwal Himalaya, India, 211–217 [214 Map]
Gasteromycetes, 226–238
Gastridium
ventricosum (Gouan) Schinz & Thell., 78 App.
Gaultheria
pumila (L.f.) D.J.Middleton, 220
Genista
acanthoclada DC., 73 App.
Genome evolution, 323–345*
Gentianaceae, 75 App.
Geocallis Horan., 106
fasciculata (Roscoe) Horan., 106
Georgiadis, T., 53–81
Georgiou, O., 53–81
Geraniaceae, 75 App.
Geranium
dissectum L., 75 App.
molle L., 75 App.
robertianum L., 75 App.
rotundifolium L., 75 App.
Geropogon
hybridus (L.) Sch.Bip., 68 App.
Gerronema
schusteri Singer, 232
Gesneriaceae, 323–345, 357–361
Gladiolus
italicus Mill., 75 App.
Glaucium
flavum Crantz, 77 App.
Glebionis
coronaria (L.) Spach, 68 App.
segetum (L.) Fourr., 68 App.
Globularia
alypum L., 75 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Globulariaceae, 75 App.
Gloeocystidiellum, 230
Glycydendron
amazonicum Ducke, 275 App.
Glyptopetalum
grandiflorum Bedd., 372
Gomphales, 232
Gomphidiaceae
subfam. Suilloideae, 223
Gordonia, 280 App.
GORNALL, R.J., 211–217
Greece, Saronic Gulf, 53–81 [54 Map]
Guapira, 6, 18
ferruginea (Klotzsch ex Choisy) Lundell, 12
noxia (Netto) Lundell, 6, 11–12, 15–16, 18, 20
Guarea, 266, 277 App.
cinnamomea Harms, 277 App.
guidonia (L.) Sleumer, 243, 245, 277 App.
Guatteria, 243, 245, 273 App.
elata R.E.Fr., 273 App.
Guazuma
ulmifolia Lam., 8
Guettarda
viburnoides Cham. & Schltdl., 8, 10
Guibourtia
hymenaefolia (Moric.) J.Léonard, 49 App.
Gymnospermae, 66 App.
Gynandriris
sisyrinchium (L.) Parl., 75 App.

Hainardia
cylindrica (Willd.) Greuter, 78 App.
Handkea, 228
utriformis (Bull.) Kreisel, 229
Handroanthus, 8, 16
impetiginosus (Mart. ex DC.) Mattos, 39, 48 App.
ochraceus (Cham.) Mattos, 10, 15, 17, 19, 41, 48 App.
serratifolius (Vahl) S.O.Grose, 8, 16
Haplic Cambisol, 1–27
Hebe, 220
Hebeloma, 221, 235
crustuliniforme (Bull.: Fr.) Quél., **221**
fastibile (Pers.) P.Kummer, 221
leucosarx P.D.Orton, **221**
mesophaeum (Pers.) Quél., **221**
var. *crassipes* Vesterh., 221
Hedyotis
albonervia Bedd., 258
Hedypnois
rhagadioloides (L.) F.W.Schmidt, 68 App.
Heisteria
barbata Cuatrec., 278 App.
Helichrysum
stoechas
subsp. *barrelieri* (Ten.) Nyman, 68 App.
Helicostylis
tomentosa (Poepp. & Endl.) Rusby, 278 App.
Helicteres
brevispira A.St.-Hil., 50 App.
Heliotropium
dolosum De Not., 69 App.
europaeum L., 69 App.
hirsutissimum Grauer, 69 App.
Hemiboea C.B.Clarke, 342
Hemiboeopsis W.T.Wang, 324
Henckelia Spreng., 323–345*, 357–361*
sect. *Heteroboea* (Benth.) A.Weber & B.L.Burtt, 358
anachoreta (Hance) D.J.Middleton & Mich.Möller, 325–326, 332 Fig., 337, 340
bifolia (D.Don) A.Dietr., 336–337, 340
communis (Gardner) D.J.Middleton & Mich.Möller, 337
dielsii (Borza) D.J.Middleton & Mich.Möller, 326, 332 Fig., 333, 337, 340
floccosa (Thwaites) A.Weber & B.L.Burtt, 337, 340
grandifolia A.Dietr., 337
incana (Vahl) Spreng., 337, 340
innominata (B.L.Burtt) A.Weber & B.L.Burtt, 337
kjellbergii B.L.Burtt, 357–358, 360
longisepala, 340
macrophylla, 340
monantha (W.T.Wang) D.J.Middleton & Mich.Möller, 326, 333 & Fig., 334, 337
moonii (Gardner) D.J.Middleton & Mich.Möller, 337
pumila (D.Don) A.Dietr., 326, 333 & Fig., 334, 337, 340
speciosa (Kurz) D.J.Middleton & Mich.Möller, 337

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

urticifolia (Buch.-Ham. ex D.Don) A.Dietr., 334, 337, 340
walkerae (Gardner) D.J.Middleton & Mich.Möller, 337, 340
Hermodactylus
tuberosus (L.) Mill., 75 App.
Herniaria
hirsuta L., 71 App.
Heteropterys
eglandulosa A.Juss., 243, 246
Hevea, 269
nitida Mart. ex Müll.Arg., 267, 269, 275 App.
Himatanthus, 269, 273 App.
Hippocratea
volubilis L., 243
Hippocrateaceae, 255–258*
Hippocrepis
emerus
subsp. *emeroides* (Boiss. & Spruner) Lassen, 73 App.
unisiliquosa L., 73 App.
Hirtella L., 35, 246
burchellii Britton, 243
glandulosa Spreng., 3, 243
gracilipes (Hook.f.) Prance, 29, 35, 39–40, 48 App., 243
hispidula Miq., 243, 245
sprucei Benth. ex Hook.f., 243, 245
Honorio Coronado, E.N., 259–280
Hordeum
bulbosum L., 78 App.
marinum Hudson, 78 App.
murinum
subsp. *leporinum* (Link) Arcang., 78 App.
Hoya R.Br., 83–85, 92
baishaensis Shao Y.He & P.T.Li, 83
bawanglingensis Shao Y.He & P.T.Li, 83
carnosa R.Br., 83–85, 91
lyi H.Lév., 83–93 [**85**, 86–87 Figs, 89 Map]
manipurensis Deb, 84
mekongensis M.G.Gilbert & P.T.Li, 83–93 [87 Fig.]
persicinicoronaria Shao Y.He & P.T.Li, 83
pottsii Traill, 84
thomsonii Hook.f., 85
yuennanensis Hand.-Mazz., 83–93 [86–87 Figs, 89 Map, **90**]
Hughes, M., 287–292
Humiriaceae, 244
Hydnangiaceae, 224
Hydnangiales, 224
Hydnangium
carneum Wallr., **224**, 235
Hydrocera Blume, 281
Hyeronima, 275 App.
Hygrophoropsis
aurantiaca (Wulfen: Fr.) Maire, **222**
var. *aurantiaca*, 222
var. *pallida* Cooke, 222
macrospora (D.Reid) Kuyper, **222**
Hymenaea L., 35, 275 App.
courbaril L., 242–243
eriogyne Benth., 39, 49 App.
martiana Hayne, 49 App.
stigonocarpa Mart. ex Hayne, 11–12, 16, 18, 20, 41, 49 App.
Hymenocarpos
circinnata (L.) Savi, 73 App.
Hymenochaetales, 232
Hymenogastraceae, 221
Hymenomycetes, 225–235
Hyparrhenia
hirta (L.) Stapf, 78 App.
Hypericaceae, 75 App.
Hypericum
empetrifolium Willd., 75 App.
perforatum L., 75 App.
Hyphoderma, 232
Hypochaeris
achyrophorus L., 68 App.
cretensis (L.) Bory & Chaub., 68 App.
radicata L., 68 App.
Hyptidendron
canum (Pohl ex Benth.) Harley, 15, 19

Icacinaceae, 268, 276 App.
Ilex
nayana Cuatrec., 273 App.
Impatiens L., 281
sect. *Scapigerae* Hook.f. & Thomson, 281
agumbeana Bhaskar & Razi, 281
barberi Hook.f., 281
crenata Bedd., 281
laticornis C.E.C.Fisch., 281
lawsonii Hook.f., 281
modesta Wight, 281–282, 284

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

mohana Ratheesh, Sujana & Anil, 281–285* [**282**, 283 Fig.]
nilgirica C.E.C.Fisch., 281
tirunelvelica M.B.Viswan. & Manik., 281
India, 211–217 [214 Map], 281–285*, 313–321*, 371–378, 379–388*, 441–445*
South, 255–258*
Indonesia, 95–98*, 293–299*
Inga, 243, 246, 265–266, 269, 275 App.
heterophylla Willd., 243, 246
megaphylla Poncy & Vester, 275 App.
vera Willd., 39–42, 50 App.
Inocybe, 235
Inula
methanea Hausskn., 60, 68 App.
Iriartea
deltoidea Ruiz & Pav., 259, 265, 267, 269, 273 App.
Iridaceae, 61, 75 App.
Iris
germanica L., 75 App.
Iryanthera, 278 App.
juruensis Warb., 267, 269, 278 App.
macrophylla (Benth.) Warb., 278 App.
IUCN Red List, 347–355*

Jacaranda
brasiliana (Lam.) Pers., 41, 48 App.
copaia (Aubl.) D.Don, 244
Jenaro Herrera, Peru, 259–280 [261 Map]
Juncaceae, 75 App.
Juncus, 387
acutus L., 75 App.
capitatus Weig., 75 App.
Juniperus, 207 Rev., 475
phoenicea L., 66 App.
Justicia
santapaui Bennet, 372

KARTONEGORO, A., 357–361
Kerala, India, 255–258*, 281–285*, 313–321*, 371–378*
Keys
to *Amomum*, 107–110
to *Berberis*, 459–461, 471, 496
to *Debregeasia*, 307–308*
to *Monocarpia*, 97
to *Pouzolzia*, 297, 299
to *Rhynchoglossum*, 358
Kickxia
commutata (Bernh. ex Reichenb.) Fritsch, 80 App.
elatine
subsp. *crinita* (Mabille) W.Greuter, 80 App.
Kielmeyera, 12, 15
coriacea Mart. & Zucc., 11, 14, 16, 20
Knautia
integrifolia (L.) Bertol., 72 App.
KOUGIOUMOUTZIS, K., 53–81

Labiatae, 12, 17
Laccaria
echinospora (Speg.) Singer, 225
galerinoides Singer, 225
laccata (Scop.: Fr.) Cooke, **224**–225, 235
proxima (Boud.) Pat., **225**, 235
proximella Singer, 225
tetraspora Singer, 225
Lacistema
hasslerianum Chodat, 6, 19
Lactarius, 235
Lactuca
tuberosa Jacq., 68 App.
Lafoensia
pacari A.St.-Hil., 15, 17
Lagoecia
cuminoides L., 67 App.
Lagurus
ovatus L., 78 App.
Lamiaceae, 57, 60, 75 App., 245
Lamium
amplexicaule L., 75 App.
moschatum Mill., 75 App.
LAMXAY, V., 99–206
Lamyropsis
cynaroides (Lam.) Dittrich, 68 App.
Lao PDR, 83–93*
Laos, 99–206*
Lathyrus
annuus L., 73 App.
aphaca L., 73 App.
cicera L., 73 App.
clymenum L., 73 App.
sphaericus Retz., 73 App.
Latosol, 1–27
Lauraceae, 50 App., 244, 257, 268, 276 App.
Lavandula
stoechas L., 75 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

subsp. *stoechas*, 75 App.
Lavatera
bryoniifolia Mill., 76 App.
cretica L., 76 App.
Lectotypification
in *Hoya*, 83–93*
in *Monocarpia*, 95–98*
Lecythidaceae, 260, 266, 268–270, 276 App.
Leguminosae, 276 App.
Lens
ervoides (Brign.) Grande, 73 App.
Leonia
glycycarpa Ruiz & Pav., 280 App.
Leontodon
biscutellifolius DC., 68 App.
graecus Boiss. & Heldr., 60, 68 App.
hispidus L., 68 App.
saxatilis Lam., 68 App.
tuberosus L., 68 App.
Lepidobotryaceae, 268, 277 App.
Leptolobium
dasycarpum Vogel, 6, 10, 12, 15–16, 18, 20
Lesser Sunda Islands, 293–299
Leukosyke Zoll. & Moritzi, 303, 306
group *Maoutia*, 306
Licania, 246, 274 App.
apetala (E.Mey.) Fritsch, 244
kunthiana Hook.f., 244
latifolia Benth. ex Hook.f., 274 App.
Liebigia Endl., 323–345*
speciosa (Blume) Endl., 336–337, 339
Liliaceae, 76 App.
Limbarda
crithmoides (L.) Dumort., 68 App.
Limodorum
abortivum (L.) Sw., 76 App.
Limonium
sieberi (Boiss.) Kuntze, 77 App.
Linaceae, 76 App., 268, 277 App.
Linaria
pelisseriana (L.) Mill., 80 App.
Lindera
assamica, 368 Rev.
nacusua, 368 Rev.
Linum
bienne Mill., 76 App.
strictum L.
subsp. *strictum*, 76 App.
trigynum L., 76 App.
Listera R.Br., 379–388*
Lithospermum
arvense L., 69 App.
Lithraea
molleoides (Vell.) Engl., 10, 17
Loganiaceae, 2, 50 App.
Lolium
rigidum Gaudin, 78 App.
temulentum L., 78 App.
Lonicera
etrusca G.Santi, 70 App.
implexa Aiton, 71 App.
Lotus
angustissimus L., 73 App.
conimbricensis Brot., 73 App.
corniculatus L., 73 App.
cytisoides L., 73 App.
edulis L., 73 App.
ornithopodioides L., 73 App.
Loxocarpus R.Br., 336, 358
Loxostigma C.B.Clarke, 342
Ludwigia
elegans (Cambess.) H.Hara, 39, 50 App.
Luehea
divaricata Mart., 8, 10, 20, 24
grandiflora Mart. & Zucc., 50 App.
Lupinus
albus
subsp. *graecus* (Boiss. & Spruner)
Franco & Pinto da Silva, 73 App.
angustifolius L., 73 App.
micranthus Guss., 73 App.
Luu Hong Truong, 347–355
Lycoperdaceae, 227
Lycoperdon, 229–230
ericaeum Bonord., **228**
excipuliformis Pers.: Pers., **228**
foetidum Bonord., 229
hyemale Bull., 229
lilacinum (Berk. & Mont.) Massee, **228**–229
lividum Pers., **229**, 236
nigrescens Pers., **229**
spadiceum Pers., 229
turneri Ellis & Everh., **229**, 236
utriformis Bull., **229**, 236
Lysionotus D.Don, 342

Mabea
fistulifera Mart., 244
piriri Aubl., 275 App.
speciosa Müll.Arg., 275 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Macanea
arborea Blanco, 98
Machaerium Pers., 8, 11, 35
hirtum (Vell.) Stellfeld, 49 App.
opacum Vogel, 6, 10, 12, 14, 16, 18, 20, 39, 41, 49 App.
punctatum (Poir.) Pers., 49 App.
villosum Vogel, 8, 10
Machaonia
brasiliensis (Hoffmanns. ex Humb.) Cham. & Schltdl., 39, 51 App.
Maclura Nutt., 418
pomifera (Raf.) C.K.Schneid., 422, 424–425, 428, 437 App.
Macrolobium, 275 App.
gracile Spruce ex Benth., 275 App.
Macromycetes, non-agaricoid basidiomycetous, 219–238
Madhuganga Valley, Garhwal Himalaya, 214 Fig.
Magonia
pubescens A.St.-Hil., 3, 8, 10, 20, 24, 41, 51 App.
Mahonia, 447–448
Malay Archipelago, 389–411
Malaysia, 95–98*
Malcolmia
flexuosa (Sm.) Sm.
subsp. *naxensis* (Rech.f.) Stork, 70 App.
graeca Boiss. & Spruner
subsp. *graeca*, 60, 70 App.
Malesia, 389–411*
Malmea, 273 App.
Malpighiaceae, 6, 50 App., 243, 268, 277 App.
Malva
parviflora L., 76 App.
sylvestris L., 76 App.
Malvaceae, 50 App., 76 App., 244, 268–269, 277 App.
Manilkara
triflora (Allemão) Monach., 39, 51 App.
Maoutia Wedd., 303
Marimon, B.S., 239–253
Matayba
guianensis Aubl., 42, 51 App.
Matisia, 277 App.
intricata (A.Robyns & S.Nilsson) W.S.Alverson, 277 App.
Mato Grosso, Brazil, 239–253 [241 Map]
Matricaria
chamomilla L., 68 App.
Matthiola
incana (L.) R.Br. in Aiton, 70 App.
sinuata (L.) R.Br. in Aiton, 70 App.
tricuspidata R.Br., 70 App.
Mauritia
flexuosa L.f., 39–40, 42, 48 App.
Maytenus
rigida Mart., 39, 48 App.
Meconopsis, 366 Rev.
Medicago, 57
arabica (L.) Huds., 73 App.
coronata (L.) Bartal., 73 App.
lupulina L., 73 App.
minima (L.) Bartal., 73 App.
monspeliaca (L.) Trautv., 73 App.
orbicularis (L.) Bartal., 73 App.
polymorpha L., 73 App.
scutellata (L.) Mill., 73 App.
tuberculata Willd., 73 App.
Meera Raj, R., 281–285
Meiogyne
ramarowii (Dunn) Ghandi, 372
Meira-Neto, J.A.A., 1–27
Meistera Giseke, 106
Melastomataceae, 2, 6, 13–14, 23, 244, 268, 277 App., 371–378
Meliaceae, 243, 259, 263, 265–269, 277 App.
Melilotus
graecus (Boiss. & Spruner) Lassen, 60, 73 App.
indicus (L.) All., 73 App.
messanensis (L.) All., 73 App.
Meliosma
herbertii Rolfe, 279 App.
Melissa
officinalis L., 75 App.
Memecylon L., 371
angustifolium Wight, 371, 375–377
rivulare K.Bremer, 371, 375–377
sivadasanii N.Mohanan et al., 371–372, 375–377
wayanadense Ratheesh, Sivu & Pradeep, 371–378* [**372**, 373–375 Figs]
Menino, G.C.O., 29–51
Menispermaceae, 268, 277 App.
Mercurialis
annua L., 73 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Methana Peninsula, 53–81 [55 Map]
Mews, H.A., 239–253
Micholitzia
obcordata N.E.Br., 84
Miconia
albicans (Sw.) Steud., 8–9, 12–14, 16, 18, 20, 22
cuspidata Naudin, 244, 245
holosericea (L.) DC., 244
punctata (Desr.) D.Don ex DC., 277 App.
splendens (Sw.) Griseb., 277 App.
Microchirita (C.B.Clarke) Yin Z.Wang, 323–345*
bimaculata (D.Wood) A.Weber & D.J.Middleton, 333, 337
caliginosa (C.B.Clarke) Yin Z.Wang, 337, 341
hamosa (R.Br.) Yin Z.Wang, 333, 337, 341
involucrata (Craib) Yin Z.Wang, 337, 341
lavandulacea (Stapf) Yin Z.Wang, 334, 337, 341
micromusa (B.L.Burtt) A.Weber & D.J.Middleton, 334, 337
mollissima, 341
rupestris (Ridl.) A.Weber & Rafidah, 338, 341
sericea (Ridl.) A.Weber & Rafidah, 338
tubulosa, 341
viola, 341
Micropholis, 279 App.
Microtropis
ramiflora Wight, 258
Miliusa
nilagirica Bedd., 372
Milne, R.I., 447–522
Mimosa
arenosa (Willd.) Poir., 40, 42, 50 App.
Minas Gerais State, Brazil, 1–27, 29–51
Minquartia
guianensis Aubl., 244
Minuartia
globulosa (Labill.) Schinz & Thell., 71 App.
hybrida (Vill.) Schischk., 71 App.
Misiewicz, T.M., 413–440
Misopates
orontium (L.) Raf., 80 App.
Missiessya
wallichiana Wedd., 310
Molecular data analysis, of *Memecylon*, 377
Möller, M., 323–345
Mollia
lepidota Spruce ex Benth., 244
Monocarpia Miq., 95–98*
blancoi Fern.-Vill., 98
borneensis Mols & Kessler, 95–**97**
euneura Miq., 95–**97**
kalimantanensis Kessler, 95–**97**
maingayi (Hook.f. & Thomson) I.M.Turner, 95, **97**
marginalis (Scheff.) J.Sinclair, 95–97
siamensis Craib, 95, 98
Moraceae, 50 App., 76 App., 243, 263, 266, 268–269, 277–278 App., 413–440*
Morocarpus
wallichianus (Wedd.) Blume, 310
Morus L., 414, 418, 420–421
alba L., 422, 424–425, 428, 436–437 App.
Mouriri
apiranga Spruce ex Triana, 244
Murdannia Royle, 441–445*
assamica Nampy & A.Ancy, **441**–445* [443 Fig.]
brownii Nandikar & Gurav, 441
fadeniana Nampy & Joby, 441
glauca, 441
nudiflora (L.) Brenan, 441–445* [443 Fig.]
sahyadrica A.Ancy & Nampy, 441
satheeshiana Joby et al., 441
striatipetala Faden, 441
Muscari
comosum (L.) Mill., 67 App.
neglectum Guss., 67 App.
Myosotis
arvensis Hill, 69 App.
incrassata Guss., 70 App.
Myracrodruon
urundeuva Allemão, 8, 10, 20, 24, 39, 41, 48 App.
Myrcia DC., 35
amazonica DC., 244
formosiana DC., 13
guianensis (Aubl.) DC., 6, 10, 12, 14, 16, 18, 20, 35, 39–40, 50 App.
splendens (Sw.) DC., 10, 12, 16, 18, 20
tomentosa (Aubl.) DC., 10, 12, 15–16, 20, 50 App.
Myrciaria

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

floribunda (H.West ex Willd.) O.Berg, 50 App., 244, 278 App.
Myristicaceae, 244, 263, 268–269, 278 App.
Myrsinaceae, 2, 50 App.
Myrsine, 11–12, 16, 20
umbellata Mart., 13, 50 App.
Myrtaceae, 2, 6, 11, 13, 16, 29, 35, 40, 50 App., 243–244, 257, 268, 278 App.

Nampy, S., 441–445
Nandina, 447
Nandinaceae, 447
Naucleopsis, 278 App.
krukovii (Standl.) C.C.Berg, 278 App.
ulei (Warb.) Ducke, 278 App.
Nealchornea
yapurensis Huber, 275 App.
Nectandra, 246
cuspidata Nee, 50 App., 244, 246
hihua (Ruiz & Pav.) Rohwer, 244, 246
Neea, 278 App.
hermaphrodita S.Moore, 244
theifera Oerst., 13, 15, 17–18
Nei's genetic distance, 377
Neotinea
maculata (Desf.) Stearn, 76 App.
Neottia Guett., 379–388*
acuminata Schltr., 379, 387
alternifolia (King & Pantl.) Szlach., 379
biflora, 385–387
confusa M.Bhaumik, 379, **381**, 384 Fig., 385–387
dihangensis M.Bhaumik, **379**–380 & Fig., 382, 387
divaricata (Panigrahi & P.Taylor) Szlach., 379
microphylla (S.C.Chen & Y.B.Luo) S.C.Chen, S.W.Gale & P.J.Cribb, 381–382
morrisonicola, 385–387
nanchuanicae (S.C.Chen) Szlach., 379, 381–382
taibaishanensis P.H.Yang & K.Y.Lang, 387
taizanensis (Fukuy.) Szlach., 381, 385–387
wardii (Rolfe) Szlach., 381
Nepal, 447–522*
Nepeta
argolica Bory & Chaub. subsp. *argolica*, 60, 75 App.
Neri, A.V., 1–27
Nerium
oleander L., 67 App.
Neslia
apiculata Fisch. et al., 70 App.
New chromosome counts
in Gesneriaceae, 323–345
New combinations
in *Codonoboea*, 357–361
in *Monocarpia*, 95–98
New section
in *Camellia*, 347–355
New species
in *Amomum*, 313–321*
in *Begonia*, 287–292*
in *Berberis*, 447–522*
in *Camellia*, 347–355
in *Debregeasia*, 301–311*
in *Impatiens*, 281–285*
in *Memecylon*, 371–378*
in *Murdannia*, 441–445
in *Neottia*, 379–388*
in *Pouzolzia*, 293–299*
in *Rhynchoglossum*, 357–361
in *Salacia*, 255–258
in *Saxifraga*, 211–217
Newman, M.F., 99–206
Nigella
damascena L., 79 App.
Noltie, H.J., 363–366 Rev.
Nomenclature, of *Monocarpia*, 95–98*
Nothofagus, 224
Notobasis
syriaca (L.) Cass., 68 App.
Nova Xavantina, Brazil, 239–253
Nunes, Y.R.F., 29–51
Nusa Tenggara Timur, Indonesia, 293–299
Nyctaginaceae, 244, 268, 278 App.

Ochnaceae, 50 App., 268, 278 App.
Ocotea, 11, 17–18, 276 App.
aciphylla (Nees) Mez, 276 App.
dielsiana O.Schmidt, 276 App.
dispersa (Nees & Mart.) Mez, 244
gracilis (Meisn.) Mez, 276 App.
Odontia, 231
Oenocarpus
bataua Mart., 259, 267, 269, 274 App.
distichus Mart., 244

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Olacaceae, 50 App., 243–244, 268, 278–279 App.
Olea, 207 Rev.
europaea L., 76 App.
Oleaceae, 76 App.
Onagraceae, 50 App., 76 App.
Onobrychis
caput-galli (L.) Lam., 74 App.
Ononis
ornithopodioides L., 74 App.
pubescens (DC.) Link, 74 App.
Onopordum
tauricum Willd., 68 App.
Onosma
frutescens Lam., 70 App.
Ophiocaryon, 279 App.
heterophyllum (Benth.) Urb., 279 App.
manausense (W.A.Rodrigues) Barneby, 279 App.
Ophrys
cornuta Stev. ex M.Bieb., 76 App.
ferrum-equinum Desf., 76 App.
fusca Link., 77 App.
oestrifera
subsp. *leptomera* (P.Delforge) Kreutz, 53, 58, 61, 77 App.
subsp. *schlechteriana* (Soó) Kreutz, 61, 77 App.
sicula Tineo, 77 App.
tenthredinifera Willd., 77 App.
Opiliaceae, 50 App., 260
Opuntia
ficus-indica Mill., 70 App.
Orchidaceae, 61, 76 App., 379–388*
Orchis
anatolica Boiss., 77 App.
italica Poir., 77 App.
Orel, G., 347–355
Oreocharis Benth., 342
Oreocnide Miq., 303, 306
Origanum
onites L., 75 App.
vulgare
subsp. *hirtum* (Link) Ietswaart, 75 App.
Orlaya
daucoides (L.) Greuter, 67 App.
Ormosia, 269, 275 App.
Ornithogalum
prasinantherum Zahar., 61, 67 App.
umbellatum L., 67 App.
Ornithopus
compressus L., 74 App.
pinnatus (Mill.) Druce, 74 App.
Orobanchaceae, 77 App.
Orobanche
alba Willd., 77 App.
crenata Forssk., 77 App.
ramosa L., 77 App.
Orophea
uniflora Hook.f. & Thomson, 372
Ostodes, 407
villamilii Merr., 407–408
Otoba
parvifolia (Markgr.) A.H.Gentry, 278 App.
Ouratea
castamontana Aubl., 6
castaneifolia (DC.) Engl., 11–12, 15, 17, 19, 39, 50 App.
hexasperma (A.St.-Hil.) Baill., 12, 15, 19
Oxalidaceae, 77 App.
Oxalis
pes-carpae L., 77 App.

Palaquium
ellipticum (Dalz.) Baill., 375
Palicourea
rigida Kunth, 13, 15
Pallenis
spinosa (L.) Cass., 68 App.
Paludana Giseke, 106
Pandurangan, A.G., 371–378
Pandeiros River, Brazil, 29–51 [32 Map]
Panopsis, 279 App.
Papaver
apulum Ten., 77 App.
argemone
subsp. *nigrotinctum* (Fedde) Kadereit, 77 App.
rhoeas L., 77 App.
subsp. *strigosum* (Boenn.) Soó, 77 App.
Papaveraceae, 77 App., 366 Rev.
Paramomum S.Q.Tong, 105–106, 155
petaloideum S.Q.Tong, 106, 154–155
Paraopeba National Forest, Brazil, 1–27 [4 Map]
Parapholis
incurva (L.) C.E.Hubb., 78 App.
Parentucellia

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

latifolia (L.) Caruel, 80 App.
Parietaria
cretica L., 81 App.
lusitanica L., 81 App.
Parinari, 269, 274 App.
excelsa Sabine, 274 App.
Parkia
multijuga Benth., 275 App.
Parodiochloa
flabellata (Lam.) Raspali, 220, 227, 233
Paronychia
capitata (L.) Lam., 71 App.
Paxillaceae, 224
Paxillus, 224
infundibuliformis Cleland, 224
involutus (Batsch: Fr.) Fr., **224**
muelleri Berk., 224
statuum (Speg.) Singer, 224
Peloponnese, 53–81
PENDRY, C.A., 447–522
Peniophora
cremea (Bres.) Sacc. & Syd., 233
incarnata (Pers.) P.Karst., **234**, 236
Peniophoraceae, 234
Peniophorella
praetermissum (P.Karst.) K.H.Larss., **232**
puberum (Fr.) Karst., **232**
PENNINGTON, R.T., 447–522
Pera, 246
bicolor (Klotzsch) Müll.Arg., 244
coccinea (Benth.) Müll.Arg., 244
glabrata (Schott) Poepp. ex Baill., 8–10, 12, 14, 16, 20
Peraceae, 243–244
Pereba, 278 App.
guianensis Aubl., 278 App.
Periploca
graeca L., 67 App.
Peritassa
laevigata (Hoffmanns. ex Link) A.C.Sm., 244
Permanent sample plot, 259–280*
Peru, 259–280
Petrocodon Hance, 342
hancei (Hemsl.) A.Weber & Mich.Möller, 342
Petrocosmea Oliv., 342
Petrorhagia
dubia (Raf.) G.López & Romo, 71 App.
Phagnalon
rupestre
subsp. *graecum* (Boiss. & Heldr.) Batt., 69 App.
saxatile (L.) Cass., 69 App.
Phalaris
aquatica L., 78 App.
Phanera
coronata (Benth.) Vaz, 244
Phanerochaetaceae, 232
Phanerochaetales, 232
Phanerochaete
filamentosa (Berk. & M.A.Curtis) Burds., 233
radicata (Henn.) Nakasone et al., 233
sordida (P.Karst.) J.Erikss. & Ryvarden, **232**–233
velutina (Fr.) P.Karst., **233**
Phangnga, Thailand, 287–292
Phillyrea
latifolia L., 76 App.
Phleum
phleoides (L.) Karsten, 78 App.
Phlomis
fruticosa L., 75 App.
Phragmites
australis (Cav.) Trin., 78 App.
PHUTTHAI, T., 287–292
Phyllanthaceae, 50 App., 389–411*
subfam. Antidesmatoideae, 393
tribe Scepeae, 393
Phylogenetic tree, of *Saxifraga*, 216
Phylogeny, of *Dorstenia*, 413–440
Physalacriaceae, 226
Phytosociology, 29–51*
Picris
pauciflora Willd., 69 App.
rhagadioloides (L.) Desf. in Lam., 69 App.
Picrodendraceae, 398
Pilocarpus
spicatus A.St.-Hil., 39, 51 App.
trachylophus Holmes, 39, 51 App.
Pilosella
piloselloides
subsp. *bauhinii* (Schult.) S.Bräut. & Greuter, 69 App.
subsp. *praealta* (Gochnat) S.Bräut. & Greuter, 69 App.
Pimpinella
saxifraga L., 67 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Pinaceae, 66 App., 223
Pinus, 223, 502
contorta Douglas ex Loudon, 221–225
halepensis Mill.
subsp. *halepensis*, 66 App.
radiata D.Don, 223, 225
sylvestris L., 223
Piptatherum
coerulescens (Desf.) P.Beauv., 78 App.
miliaceum (L.) Cosson, 78 App.
Piptocarpha
rotundifolia (Less.) Baker, 12, 15, 17
Pipturus Wedd., 296
Pistacia
atlantica Desf., 66 App.
lentiscus L., 67 App.
terebinthus L., 67 App.
Pisum
sativum L., 74 App.
subsp. *elatius* (M.Bieb.) Asch. & Graebn., 74 App.
Pithecellobium, 269, 275 App.
auriculatum Benth., 275 App.
Plantaginaceae, 77 App.
Plantago
amplexicaulis Cav., 77 App.
bellardii All., 77 App.
coronopus L., 77 App.
lagopus L., 77 App.
lanceolata L., 77 App.
Plathymenia
reticulata Benth., 11–13, 15, 18
Platymitra
arborea (Blanco) Kessler, 98
Platypodium
elegans Vogel, 9, 10, 16, 20, 25, 244
Plicaturaceae, 233
Plicaturales, 233
Plumbaginaceae, 77 App.
Poa
flabellata, 227, 233
pratensis L., 78 App.
timoleontis Heldr. ex Boiss., 78 App.
Poaceae, 57, 77 App., 220
Podophyllaceae, 447
Podophyllum, 447
Podoserpula, 221, 236
pusio (Berk.) D.A.Reid, **233**
var. *austroamerica* D.A.Reid, 233
var. *ellipsospora* D.A.Reid, 233
var. *pusio*, 233
var. *tristis* D.A.Reid, 233
Poeppigia
procera C.Presl, 39, 49 App.
Pollen, of *Saxifraga*, 211–217* [213 Fig.]
Polycarpon
tetraphyllum L., 71 App.
Polygonaceae, 51 App., 78 App.
Polygonum
arenarium Waldst. & Kit., 78 App.
Polyploidy, 323–345*
Polypodiaceae, 66 App., 220
Polypodium
nipponicum, 91
vulgare L., 66 App.
Polypogon
maritimus Willd., 78 App.
monspeliensis (L.) Desf., 78 App.
Polyscias
acuminata (Wight) Seem., 258
Populus, 230
Poriales, 233
Posidonia
oceanica (L.) Delile, 79 App.
Posidoniaceae, 79 App.
Potentilla, 366–367 Rev.
Pourouma, 266
acuminata Mart. ex Miq., 280 App.
bicolor Mart., 269, 280 App.
cecropiifolia Mart., 280 App.
minor Benoist, 280 App.
ovata Trécul, 280 App.
Pouteria, 244, 246, 266, 269, 279–280 App.
caimito (Ruiz & Pav.) Radlk., 279 App.
cuspidata (A.DC.) Baehni, 244, 279 App.
gardneri (Mart. & Miq.) Baehni, 8, 11, 40, 51 App.
hispida Eyma, 279 App.
procera (Mart.) K.Hammer, 279 App.
ramiflora (Mart.) Radlk., 6, 18, 244
Pouzolzia Gaudich., 293–299*
sect. *Pouzolzia*, 296–298
arachnoidea, 298
fadenii, 297
floresiana Friis & Wilmot-Dear, 293–299* [**294**, 295 Fig.]
laevigata, 298
mandrarensis, 298
rubricaulis, 299

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

thailandica Friis & Wilmot-Dear, 293, 296, 298
variifolia Friis & Wilmot-Dear, 297–298
zeylanica, 298
PRADEEP, A.K., 255–258
PRADEEP, N.S., 371–378
Prasium
majus L., 75 App.
PRICKETT, R.M., 259–280
Primulaceae, 60, 79 App.
Primulina Hance, 323–345*
balansae (Drake) Mich.Möller & A.Weber, 327, 333 Fig., 334, 338
bipinnatifida, 342
bogneriana (B.L.Burtt) Mich.Möller & A.Weber, 327, 333 Fig., 338
cordifolia, 342
dryas (Dunn) Mich.Möller & A.Weber, 334, 338, 342
eburnea (Hance) Yin Z.Wang, 334, 338
flavimaculata (W.T.Wang) Mich.Möller & A.Weber, 327, 333 Fig., 338
gemella, 342
glandulosa, 342
var. *yangshuoensis*, 342
hedyotidea (Chun) Yin Z.Wang, 327, 333 Fig., 338
heterotricha, 342
liboensis (W.T.Wang & D.Y.Chen) Mich.Möller & A.Weber, 327, 333 Fig., 338
liguliformis (W.T.Wang) Mich.Möller & A.Weber, 327, 335 Fig., 338
linearifolia, 342
longgangensis (W.T.Wang) Yin Z.Wang, 327, 334, 335 Fig., 338–339, 342
luochengensis, 342
lutea (Yan Liu & Y.G.Wei) Mich.Möller & A.Weber, 327, 335 Fig., 338
minutimaculata (D.Fang & W.T.Wang) Mich.Möller & A.Weber, 327, 335 Fig., 338, 342
mollifolia, 342
napoensis (Z.Yu Li) Mich.Möller & A.Weber, 328, 335 Fig., 338
obtusidentata (W.T.Wang) Mich.Möller & A.Weber, 327, 335 Fig., 338
ophiopogoides, 342
pinnata, 342
pinnatifida, 342
pteropoda, 342
renifolia, 342
repanda
var. *guilinensis*, 342
spadiciformis (W.T.Wang) Mich.Möller & A.Weber, 328, 335 Fig., 338, 342
spinulosa (D.Fang & W.T.Wang) Yin Z.Wang, 328, 335 Fig., 338, 342
subrhomboidea (W.T.Wang) Yin Z.Wang, 328, 335 Fig., 338
tabacum Hance, 323–326, 328, 335 Fig., 336, 338, 342
tamiana (B.L.Burtt) Mich.Möller & A.Weber, 328, 335 Fig., 336, 338, 341
weii, 342
wentsaii, 342
Proteaceae, 51 App., 268, 279 App.
Protium, 274 App.
heptaphyllum (Aubl.) Marchand, 10, 16, 20, 24
nodulosum Swart, 269, 274 App.
opacum Swart, 274 App.
paniculatum Engl., 274 App.
pilosissimum Engl., 244
sagotianum Marchand, 274 App.
spruceanum (Benth.) Engl., 274 App.
subserratum (Engl.) Engl., 274 App.
Prunus
dulcis (Mill.) D.A.Webb, 79 App.
Pseudobombax
longiflorum (Mart. & Zucc.) A.Robyns, 8, 11
tomentosum (Mart. & Zucc.) A.Robyns, 8, 10
Pseudochirita W.T.Wang, 342
Pseudolmedia
laevigata Trécul, 278 App.
laevis (Ruiz & Pav.) J.F.Macbr., 278 App.
Psidium L., 35
guajava L., 40, 42, 50 App.
myrtoides O.Berg, 50 App.
salutare (Kunth) O.Berg, 17, 50 App.
Psilurus
incurvus (Gouan) Schinz & Thell., 78 App.
Psychotria
globicephala Gamble, 372
Pteridaceae, 66 App.
Pterodon

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

emarginatus Vogel, 41, 49 App.
Ptilostemon
chamaepeuce (L.) Less., 69 App.
gnaphaloides (Cirillo) Soják, 69 App.
Pulicaria
dysenterica (L.) Bernh., 69 App.
Pycnanthus
angolensis, 370 Rev.
Pyrus
spinosa Forssk., 79 App.

Qualea, 280 App.
grandiflora Mart., 6, 9–10, 12, 14, 16, 18, 20
multiflora Mart., 6, 10, 13, 15, 18
parviflora Mart., 9–10, 12, 14, 16, 20
Queensland, Australia, 301–311*
Quercus
coccifera L., 74 App.
ilex L., 74 App.
pubescens Willd., 74 App.
Quesada, C.A., 259–280
Quiina
parvifolia Lanj. & Heerdt, 244
Quiinaceae, 244

Radulomyces
confluens (Fr.) M.P.Christ., **230**
Rafflesiaceae, 79 App.
RAINFOR methodology, 259–280
Ramaria, **232**, 236
Ramariaceae, 232
Ranunculaceae, 79 App.
Ranunculus, 57
arvensis L., 79 App.
bulbosus
subsp. *aleae* (Willk.) Rouy & Fouc., 79 App.
chius DC., 79 App.
millefoliatus Vahl, 79 App.
muricatus L., 79 App.
paludosus Poir., 79 App.
psilostachys Griseb., 79 App.
sprunerianus Boiss., 79 App.
RAPD (randomly amplified polymorphic DNA), 371–378*
Raphanus
raphanistrum L., 70 App.
Rapistrum
rugosum (L.) All. s.l., 70 App.
Ratheesh Narayanan, M.K., 281–285, 371–378
Ratter, J.A., 239–253
Rawat, D.S., 211–217
Regeneration, natural, 29–51
Regy Yohannan, 255–258
Reichardia
picroides (L.) Roth, 69 App.
Reseda
alba L., 79 App.
lutea L., 79 App.
Resedaceae, 79 App.
Revisions
of *Amomum*, 99–206*
of *Berberis*, 447–522*
Rhagadiolus
stellatus (L.) Gaertn., 69 App.
Rhamnaceae, 51 App.
Rhamnidium
elaeocarpum Reissek, 10, 40, 42, 51 App.
Rhodiola
wallichiana, 368 Rev.
Rhododendron, 381, 387, 475, 484, 489, 502, 512
Rhus
coriaria L., 67 App.
saeneb Forssk., 308
Rhynchoglossum Blume, 357–361*
capsulare Ohwi ex Karton., 357–360 [**358**, 359 Fig., 360 Map]
obliquum Blume, 357–358
Ribes
rubrum L., 230
Ricinocarpos, 390
Ricinus
communis L., 73 App.
Rickenella, **232**
fibula (Bull.) Baill., 232
Rinorea
racemosa (Mart.) Kuntze, 280 App.
Rodda, M., 83–93
Rollinia
emarginata Schltdl., 39, 42, 48 App.
Romulea
bulbocodium (L.) Sebast. & Mauri, 75 App.
linaresii
subsp. *graeca* Bég., 75 App.
Rorippa, 368 Rev.
Rosa, 489

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

gallica L., 79 App.
Rosaceae, 79 App., 366 Rev., 368 Rev.
Rottlera
albicans auct. non Hassk., 402, 405
Roucheria, 277 App.
Roupala
montana Aubl., 6, 9–10, 13, 15–16, 18, 20, 39, 51 App.
Rourea
induta Planch., 8, 17
Rubia
peregrina L., 80 App.
tinctorum L., 80 App.
Rubiaceae, 2, 6, 18, 35, 40, 51 App., 60, 79 App., 243–244, 257–258, 268–269, 279 App.
Rubus, 368 Rev.
canescens DC., 79 App.
sanctus Schreb., 79 App.
Rudgea
viburnoides (Cham.) Benth., 10, 12, 14, 16, 18, 20
Rumex
bucephalophorus L., 78 App.
pulcher L., 78 App.
subsp. *pulcher*, 78 App.
sanguineus L., 78 App.
Ruptiliocarpon
caracolito Hammel & N.Zamora, 277 App.
Russula, 235
Russulales, 234–235
Rutaceae, 51 App., 268, 279 App.

Sabiaceae, 260, 268, 279 App.
Sabu, M., 313–321
Sacoglottis
guianensis Benth., 244
Sagina
apetala Ard., 71 App.
Salacia L., 255–258*
agasthiamalana Udayan, Regy Yohannan & Pradeep, **255**–257 [256 Fig.]
elliptica (Mart. ex Schult.) G.Don, 39, 42, 48 App.
macrosperma Wight, 255, 257
Salicaceae, 51 App., 80 App., 268, 279 App.
Salix, 221, 225
fragilis L., 80 App.
Salsola
kali L., 71 App.
soda L., 71 App.
Salvertia
convallariodora A.St.-Hil., 8, 12, 14, 20
Salvia
fruticosa Mill., 75 App.
pomifera
subsp. *calycina* (Sm.) Hayek, 76 App.
verbenaca L., 76 App.
viridis L., 76 App.
Samolus
valerandi L., 79 App.
Sanguisorba
minor (L.) Scop., 79 App.
subsp. *minor*, 79 App.
verrucosa (G.Don) Ces., 79 App.
Santalaceae, 80 App.
Santos, R.M., 29–51
Sapindaceae, 35, 40, 51 App., 243–244
Sapium, 244, 245
glandulosum (L.) Morong, 49 App.
Sapotaceae, 51 App., 244, 259–260, 266–270, 279–280 App.
Saprotrophs, 219–238*
Sarcaulus
brasiliensis (A.DC.) Eyma, 280 App.
Sarcocornia
fruticosa (L.) A.J.Scott, 71 App.
Sarcopoterium
spinosum (L.) Spach, 79 App.
Satureja
graeca L., 76 App.
juliana L., 76 App.
myrtifolia (Boiss. & Hohen.) Greuter & Burdet, 76 App.
nepeta (L.) Scheele, 76 App.
nervosa Desf., 76 App.
thymbra L., 76 App.
Savia
sessiliflora (Sw.) Willd., 39, 42, 50 App.
Saxifraga, 211–217, 366–367 Rev.
sect. *Ciliatae* Haw., 211–217*
sect. *Cotylea*, 216
sect. *Cymbalaria*, 216
sect. *Gymnopera*, 216
sect. *Heterisia*, 216
sect. *Irregulares*, 216–217
sect. *Mesogyne*, 216
sect. *Micranthes*, 216
sect. *Porophyllum*, 216

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

sect. *Porphyrion*, 216
sect. *Saxifraga*, 216–217
sect. *Trachyphyllum*, 216
sect. *Xanthizoon*, 216
subsect. *Hemisphaericae*, 217
subsect. *Kabschia*, 216
subsect. *Serpyllifoliae*, 211–217*
ser. *Caespitosae*, 217
aizoides, 216
bicuspidata Hook.f., 211, 215–217
cernua, 216
cespitosa
f. *apetala* Engl., 217
cymbalaria, 216
eschscholtzii Cham. ex DC., 217
fortunei, 216
hirculus, 216
inconspicua W.W.Sm., 215–216
mertensiana Bong., 216–217
minutissima D.S.Rawat, **211**–217* [212–213 Figs, 214 Map]
oppositifolia, 216
osloensis, 216
rotundifolia, 216
scardica, 216
spathularis, 216
stella-aurea Hook.f. & Thomson, 211, 213 Fig., 214–215
stellaris, 216
tricuspidata, 216
tridactylites L., 80 App.
Saxifragaceae, 80 App., 211–217*, 366 Rev.
Saxifragella, 211–217*
Scaligeria
napiformis (Sprengel) Grande, 67 App.
Scandix
australis L., 67 App.
Schaefer, C.E.G.R., 1–27
Schefflera
macrocarpa (Cham. & Schltdl.) Frodin, 12, 14
morototoni (Aubl.) Maguire, Steyerm. & Frodin, 244, 249, 273 App.
Schoepfia
brasiliensis A.DC., 50 App.
Scholte, P., 207–209 Rev.
Scilla
autumnalis L., 67 App.
Scleranthus
annuus
subsp. *polycarpos* (L.) Thell., 71 App.
Scolymus
hispanicus L., 69 App.
Scorpiurus
muricatus L., 74 App.
Scorzonera
crocifolia Sm., 60, 69 App.
Scrophularia
canina
subsp. *bicolor* (Sm.) Greuter, 80 App.
heterophylla Willd.
var. *heterophylla*, 61, 80 App.
lucida L., 80 App.
peregrina L., 80 App.
Scrophulariaceae, 57, 61, 80 App.
Sebastiania
brasiliensis Spreng., 49 App.
Sedum
amplexicaule
subsp. *tenuifolium* (Sm.) Greuter, 72 App.
caespitosum (Cav.) DC., 72 App.
diymarioides, 91
indicum, 91
littoreum Guss., 72 App.
rubens L., 72 App.
sediforme (Jacq.) Pau, 72 App.
Seeds, of *Saxifraga*, 211–217* [213 Fig.]
Selaginella
denticulata (L.) Spring, 66 App.
Selaginellaceae, 66 App.
Senecio
leucanthemifolius
subsp. *vernalis* (Waldst. & Kit.) Greuter, 69 App.
squalidus L., 69 App.
Senegalia
polyphylla (DC.) Britton & Rose, 11, 18
Senna
splendida (Vogel) H.S.Irwin & Barneby, 49 App.
Serapias
bergonii E.G.Camus, 77 App.
lingua L., 77 App.
vomeracea (Burm.f.) Briq., 77 App.
Serjania, 244, 245
Serpulaceae, 224
Sherardia
arvensis L., 80 App.
Shorea

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

albida, 395
Sideritis
curvidens Stapf, 76 App.
lanata L., 76 App.
Silene, 57
behen L., 71 App.
colorata Poir., 71 App.
conica L., 71 App.
corinthiaca Boiss. & Heldr., 60, 71 App.
cretica L., 71 App.
gallica L., 71 App.
italica (L.) Pers., 71 App.
subsp. *peloponnesiaca* Greuter, 60, 71 App.
nocturna L., 71 App.
sedoides Poiret
subsp. *sedoides*, 71 App.
vulgaris (Moench) Garcke
subsp. *megalosperma* (Sart. ex Heldr.) Hayek, 60, 71 App.
Silva, A.F., 1–27
Silybum
marianum (L.) Gaertn., 69 App.
Simarouba
amara Aubl., 244
versicolor A.St.-Hil., 40, 51 App.
Simaroubaceae, 51 App., 244
Simira
cordifolia (Hook.f.) Steyerm., 279 App.
Simplocos
nitens Benth., 17
Sinapis
alba L., 70 App.
arvensis L., 70 App.
Siparuna
guianensis Aubl., 12, 16, 18, 20, 244
Siparunaceae, 244
Siphonochilus, 104
Sistotremataceae, 231
Sisymbrium
orientale L., 70 App.
Sivu, A.R., 371–378
Sloanea, 274 App.
macrantha Ducke, 274 App.
sinemariensis Aubl., 244
Smilacaceae, 80 App.
Smilax
aspera L., 80 App.
Smyrnium
olusatrum L., 67 App.
rotundifolium Mill., 67 App.
Socratea
exorrhiza (Mart.) H.Wendl., 269, 274 App.
Soil–vegetation relationships, 1–27*
Soils, influence on floristic composition and community structure, 1–27
Solanaceae, 80 App.
Solanum
nigrum L.
subsp. *nigrum*, 80 App.
Sonchus
asper (L.) Hill, 69 App.
oleraceus L., 69 App.
tenerrimus L., 69 App.
Sorbus, 226
aucuparia L., 221, 230, 232, 234
Sorocea
hirtella Mildbr., 278 App.
muriculata Miq., 278 App.
opima J.F.Macbr., 278 App.
Sosef, M., 369–370 Rev.
South Aegean Volcanic Arc (SAVA), 53–81
South India, 255–258*
Southern hemisphere, 219–238*
Souza, A.L., 1–27
Spartium
junceum L., 74 App.
Species diversity, 1–27*
Spergula
pentandra L., 71 App.
Spergularia
bocconei (Scheele) Asch. & Graebn., 71 App.
salina J.Presl & C.Presl, 71 App.
Spondias
tuberosa Arruda, 48 App.
Sporobolus
pungens (Schreb.) Kunth, 78 App.
Sridith, K., 287–292
Stachys
germanica
subsp. *cordigera* Briq., 76 App.
swainsonii
subsp. *argolica* Phitos & Damboldt, 60, 76 App.
Stellaria
media (L.) Vill., 71 App.
pallida (Dumort.) Piré, 71 App.
Sterculia

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

frondosa Rich., 269, 277 App.
pruriens (Aubl.) K.Schum., 277 App.
Stereaceae, 234
Stereum
hirsutum (Willd.) Gray, **234**, 236
Sternbergia
sicula Tin. ex Guss., 66 App.
Stipa
bromoides (L.) Doerfler, 78 App.
Strychnos
parvifolia A.DC., 50 App.
Stryphnodendron
adstringens (Mart.) Coville, 12, 14, 19
Styracaceae, 260
Styrax
camporum Pohl, 9–10, 12–13, 15–16, 18, 20
Suaeda
maritima (L.) Dumort., 71 App.
Subantarctic, 219–238*
Suillus
granulatus, 223
luteus (L.: Fr.) Roussel, **223**, 235
punctatipes (Snell & E.A.Dick) Singer, **223**
SUJANA, K.A., 281–285
Sulawesi, 357–361*
Sumatra, 95–98
Sumbaviopsis
albicans (Blume) J.J.Sm., 405
Swartzia
flaemingii Raddi, 49 App.
polyphylla DC., 275 App.
Syagrus
flexuosa (Mart.) Becc., 11, 18, 20
Symphytum
bulbosum C.Schimper, 70 App.
Symplocaceae, 2
Symplocos
nitens (Pohl) Benth., 8, 11–12, 20
Synopsis, of *Debregeasia*, 308–310
Systematics, of *Chirita*, 323–345

Tabebuia
aurea (Silva Manso) Benth. & Hook.f. ex S.Moore, 11, 48 App.
roseoalba (Ridl.) Sandwith, 10, 39–40, 48 App.
Tachigali, 276 App.
aurea Tul., 11–12, 15–16
paniculata Aubl., 269, 275 App.
rubiginosa (Mart. & Tul.) Oliveira-Filho, 13
vulgaris L.G.Silva & H.C.Lima, 244
Talisia
esculenta (A.St.-Hil.) Radlk., 51 App.
Tamijia, 104
Tanaecium
pyramidatum (Rich.) L.G.Lohmann, 244
Tapirira Aubl., 35, 273 App.
guianensis Aubl., 11, 13, 15–16, 20, 29, 35, 39–41, 48 App., 273 App.
retusa Ducke, 273 App.
Tapoïdes Airy Shaw, 389–411* [**407** & Fig.]
villamilii (Merr.) Airy Shaw, 407–**408**, 411
Tapura
amazonica Poepp. & Endl., 244
Taraxacum
campylodes G.E.Haglund, 69 App.
minimum (Guss.) N.Terrac., 69 App.
Taxonomy
of *Amomum*, 99–206*
of *Debregeasia*, 301–311*
of *Hoya*, 83–93*
of *Pouzolzia*, 293–299*
of *Saxifraga*, 211–217
Teesdalia
coronopifolia (J.P.Bergeret) Thell., 70 App.
Temporal changes, 239–253*
Terminalia, 244
argentea (Cambess.) Mart. & Zucc., 8, 10, 14, 16, 20, 25, 49 App.
oblonga (Ruiz & Pav.) Steud., 274 App.
Terra firme forest, 259–280*
Tetragastris
altissima (Aubl.) Swart, 244
Tetrastylidium
peruvianum Sleumer, 279 App.
Teucrium
divaricatum
subsp. *graecum* (Čelak.) Bornm., 76 App.
polium L., 76 App.
Thailand, 287–292* [290 Map]
Theaceae, 268, 280 App., 347–355*
Thelephora
terrestris Ehrh. ex Willd., **225**
Thelephoraceae, 225

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Thelephorales, 225
Theobroma
guianensis (Aubl.) J.G.Gmel., 277 App.
subincanum Mart., 277 App.
Thesium
bergeri Zucc., 80 App.
THOMAS, V.P., 313–321
Tibouchina, 12
granulosa (Desr.) Cogn., 14, 20
TINIAKOU, A., 53–81
Tocoyena
formosa (Cham. & Schltdl.) K.Schum., 13, 15, 35, 39–41, 51 App.
Tolpis
barbata (L.) Gaertn., 69 App.
Tontelea
micrantha (Mart. ex Schult.) A.C.Sm., 6, 19
Tordylium
apulum L., 67 App.
Torilis
arvensis
subsp. *heterophylla* (Guss.) Thell., 67 App.
leptophylla (L.) Rchb.f., 67 App.
nodosa (L.) Gaertn., 67 App.
Tovomita
weddelliana Planch. & Triana, 274 App.
Tragopogon
porrifolius L., 69 App.
Trametes
versicolor (L.) Pilát, **233**
Transition forest, 239–253*
Trattinickia, 244
burserifolia Mart., 249
Trechispora
cohaerens (Schwein.) Jülich & Stalpers, 234
confinis (Bourd. & Galz.) Liberta, **234**
Trechisporaceae, 234
Trechisporales, 234
Treculia Decne. ex Trécul, 418, 420
obovoidea N.E.Br., 422, 424–425, 428, 436 App., 438 App.
Tremella
mesenterica Retz., **226**, 234, 236
Tremellaceae, 226
Tremellales, 226
Tribulus
terrestris L., 81 App.
Trichilia, 266, 277 App.
claussenii C.DC., 8, 11
pallida Sw., 8, 10, 12, 15, 17, 20
pleeana (A.Juss.) C.DC., 269, 277 App.
poeppigii C.DC., 277 App.
septentrionalis C.DC., 277 App.
Trifolium, 57
angustifolium L., 74 App.
arvense L., 74 App.
boissieri Guss., 74 App.
campestre Schreber, 74 App.
cherleri L., 74 App.
dasyurum C.Presl, 74 App.
glomeratum L., 74 App.
grandiflorum Schreber, 74 App.
hirtum All., 74 App.
hybridum L., 74 App.
infamia-ponertii Greuter, 74 App.
lappaceum L., 74 App.
nigrescens Viv., 74 App.
pignantii Fauché & Chaub., 74 App.
scabrum L., 74 App.
spumosum L., 74 App.
stellatum L., 74 App.
tenuifolium Ten., 74 App.
tomentosum L., 74 App.
uniflorum L., 74 App.
Trigonella
balansae Boiss. & Reut., 74 App.
rechingeri Širj, 53, 58, 60, 74 App.
Tripodion
tetraphyllum (L.) Fourr., 74 App.
Tristania, 395
Tuberaria
guttata (L.) Fourr., 71 App.
TURNER, I.M., 95–98
Turritis
glabra L., 70 App.
Typha
latifolia L., 80 App.
Typhaceae, 80 App.
Typhula, 236
placorrhiza (Reichardt) Fr., **230**, 236
Typhulaceae, 230

UDAYAN, P.S., 255–258
Ulex, 226, 230, 232, 236
europaeus L., 220, 226–227, 231–234, 236
Ulmaceae, 80 App.
Ulmus
minor Mill.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

subsp. *minor*, 80 App.
Umbilicus
horizontalis (Guss.) DC., 72 App.
rupestris (Salisb.) Dandy, 72 App.
Uncaria
guianensis (Aubl.) J.F.Gmel., 244
Unonopsis
floribunda Diels, 273 App.
guatterioides (A.DC.) R.E.Fr., 244
UPGMA analysis, 371, 377
Urospermum
picroides (L.) Scop., 69 App.
Urtica
leucophylla Wall., 310
longifolia Burm.f., 309
Urticaceae, 51 App., 81 App., 243, 263, 266, 268–269, 280 App., 293–299*, 301–311*
tribe Boehmerieae, 296, 305
Uvaria, 95
dasoclema L.L.Zhou et al., 98

Valantia
hispida L., 80 App.
Valerianaceae, 81 App.
Valerianella
coronata (L.) DC., 81 App.
Van Welzen, P.C., 389–411
Vascellum, **229**
depressum (Bonord.) Smarda, 229
pratense (Pers.: Pers.) Kreisel, **229**
Vatairea
guianensis Aubl., 276 App.
Vegetation
changes in Mato Grosso, 239–253
riparian, 29–51
Verbascum
epixanthinum Boiss. & Heldr., 61, 80 App.
macrurum Ten., 80 App.
phlomoides L., 80 App.
sinuatum L., 80 App.
undulatum Lam., 80 App.
Verbenaceae, 81 App.
Veredas, 30
Vernonanthura
phosphorica (Vell.) H.Rob., 48 App.
Vernonia, 8, 17
Veronica
arvensis L., 80 App.
cymbalaria Bodard, 80 App.
triphyllos L., 80 App.
Vicia, 57
benghalensis L., 74 App.
hybrida L., 74 App.
lathyroides L., 74 App.
lutea L., 74 App.
subsp. *lutea*, 74 App.
monantha Retz., 74 App.
sativa L.
subsp. *cordata* (Hoppe) Asch. & Graebn., 74 App.
subsp. *sativa*, 74 App.
tenuifolia
subsp. *elegans* (Guss.) Nyman, 74 App.
tetrasperma (L.) Schreb., 74 App.
villosa Roth, 74 App.
subsp. *eriocarpa* (Hausskn.) P.W.Ball, 74 App.
subsp. *microphylla* (D'Urv.) P.W.Ball, 60, 74 App.
Vida Silvestre Refuge, Brazil, 29–51
Vietnam, 83–93*, 99–206*, 347–355*
Vinca
major L., 67 App.
Violaceae, 268, 280 App.
Virola
albidiflora Ducke, 269, 278 App.
sebifera Aubl., 244
Vismia
pozuzoensis Engl., 274 App.
Vitex
agnus-castus L., 81 App.
panshiniana Moldenke, 245
Vochysia
ferruginea Mart., 249
thyrsoidea Pohl, 15
tucanorum Mart., 9, 13, 16, 20
Vochysiaceae, 2, 6, 10, 23, 268, 280 App.
Volcanic flora, 53–81
Votomita, 277 App.
Vulpia
ciliata Danth., 78 App.
fasciculata (Forssk.) Fritsch, 78 App.

Warszewiczia
coccinea (Vahl) Klotzsch, 279 App.
Watling, R., 219–238
Wayanad, India, 281–285*, 371–378*
Wentsaiboea D.Fang & D.H.Qin, 324

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press

Western Ghats, India, 255–258, 281–285*, 313–321*, 371–378*
Wilmot-Dear, C.M., 293–299, 301–311
Wilson, P.G., 347–355
Wood, J.R.I., 366–369 Rev.
Woody species, 1–27
  changes in diversity of, 239–253
Wurfbainia Giseke, 106

Xanthium
  strumarium L., 69 App.
Xanthorrhoeaceae, 81 App.
Xavantina–Cachimbo Expedition, 2–3
Xylopia, 246, 273 App.
  aromatica (Lam.) Mart., 9, 12–13, 15–16, 18, 20, 39–41, 48 App., 245
  brasiliensis Spreng., 13
  sericea A.St.-Hil., 245

Yunnan, 83–93*

Zanthophyllum, 8, 17
Zerega, N.C., 413–440
Zeyheria
  montana Mart., 6, 11–12, 14, 16, 18
Zhuoxin Zhang, 211–217
Zingiber, 103
  corynostachyum (Wall.) Steud., 139
  montanum (J.Koenig) Link ex A.Dietr., 200
  officinale Roscoe, 99, 200
  villosum (Lour.) Stokes, 195
  zerumbet (L.) Sm., 200
Zingiberaceae, 99–206*, 313–321*
  subfam. Alpinioideae, 104
  subfam. Siphonochiloideae, 104
  subfam. Tamijioideae, 104
  subfam. Zingiberoideae, 104
  tribe Alpinieae, 104
  tribe Globbeae, 104
  tribe Riedelieae, 104
  tribe Zingibereae, 104
Zygia P.Browne, 35
  latifolia (L.) Fawc. & Rendle, 29, 35, 39–41, 50 App.
Zygophyllaceae, 81 App.

https://doi.org/10.1017/S0960428612000315 Published online by Cambridge University Press