

GENERAL INDEX TO VOLUME 69 (2012)

Note: Main entries are **boldened**; * 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
spinus 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
mysuroides 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.

- Amaïoua*
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

- 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
- repeense** 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.) Speng., 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.

- 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.
 Areaceae, 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.
maniacicus 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.

- 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

- 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. **garhwilana** Ahrendt, 455 Fig., 457 Fig., 495–497 [495 Fig.]
 var. **petiolaris**, 453 Fig., 455 Fig., 457 Fig., 495–497 [495 Fig., 496]
- pohuninii* 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

Boetales, 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.

trichopodium 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

- 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.
- Camnosperma*
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*

- 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.) Duf., 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.
Cheilochlinium
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

- involutrata* Craib, 329, 337
lacunosa (Hook.f.) B.L.Burt, 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.Burt, 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.Burt, 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
venosum (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
cirrhusa 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.Burt) 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.

- 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.
 langsдорffii 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
Cordia A.Rich. & DC., 35
 concolor (Cham.) Kuntze, 35, 39, 51 App.
 rigida (K.Schum.) Kuntze, 39–40, 51 App.
 subsp. *sessilis* (Vell.) Kuntze, 51 App.
Coridothymus
 capitatus (L.) Rchb.f., 75 App.
 Corioliaceae, 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.

- 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*
antisiphilitica (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.
involutratus 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

- 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
- Diploptropis*, 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.
djetii 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.

- 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
- Ecllinusa*
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.
- Elaeoeselinum*
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.

- 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
paviana (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
acanthothamnus 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.
santapau 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 Jatrophaeae, 407
 tribe Ricinocarpeae, 390, 398
 subtribe Bertyninae, 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.

- 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*
- Floral 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
- Fraunhoferia*
multiflora Mart., 39, 48 App.
- Fridericia*, 243
candicans (Rich.) L.G.Lohmann, 243
- FRIS, 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.
peduncularis (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
- GEORGIU, 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.

- 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. & Schltld., 8, 10
Guibourtia
hymenaefolia (Moric.) J.Léonard, 49
App.
Gymnospermae, 66 App.
Gynandriris
sisyrrinchium (L.) Parl., 75 App.
- Hainardia*
cylindrica (Willd.) Greuter, 78 App.
Handkea, 228
utriformis (Bull.) Kreisell, 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. *Heteroboaea* (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
longispala, 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

- urticifolia* (Buch.-Ham. ex D.Don)
 A.Dietr., 334, 337, 340
walkerae (Gardner) D.J.Middleton &
 Mich.Möller, 337, 340
Hermodyctylus
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
 Hymenomyces, 225–235
Hyparrhenia
 hirta (L.) Stapf, 78 App.
 Hypericaceae, 75 App.
Hypericum
 empetrifolium Willd., 75 App.
 perforatum L., 75 App.
Hyphoderma, 232
Hypochoeris
 achyrophorus L., 68 App.
 cretensis (L.) Bory & Chaub., 68 App.
 radicata L., 68 App.
Hyptidendron
 canum (Pohl ex Benth.) Harley, 15, 19
- Icacinaeae, 268, 276 App.
Ilex
 nayana Cuatrec., 273 App.
Impatiens L., 281
 sect. *Scapigeriae* 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

- 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.
juruenensis Warb., 267, 269, 278 App.
macrophylla (Benth.) Warb., 278 App.
 IUCN Red List, 347–355*
- Jacaranda*
brasiliiana (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
santapau 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.

- 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. & Moritz, 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.
Linnaria
 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.) Masee, **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.

- 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. & Schltld., 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 basidiomy-
 cetous, 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.

- 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
involutrata (Craib) Yin Z.Wang, 337, 341
lavandulacea (Stapf) Yin Z.Wang, 334, 337, 341
micromusa (B.L.Burt) 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
Minuartia
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

- 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 *Codonoboa*, 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

- 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.
 oestriifera
 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-carpa 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

- 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. & Ryvardeen,
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.

- 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.
Polyogon
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

- 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.Burt) 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
 hedytidea (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.We) 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.Burt) 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

- 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
Ricinocarpus, 390
Ricinus
communis L., 73 App.
Rickenella, 232
fibula (Bull.) Baill., 232
Rinorea
racemosa (Mart.) Kuntze, 280 App.
 RODDA, M., 83–93
Rollinia
emarginata Schldtl., 39, 42, 48 App.
Romulea
bulbocodium (L.) Sebast. & Mauri, 75 App.
linaresii
 subsp. *graeca* Bég., 75 App.
Rorippa, 368 Rev.
Rosa, 489

- 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

- sect. *Porphyron*, 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
eschsoltzii 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. & Schltld.) Frodin,
 12, 14
 morototoni (Aubl.) Maguire, Steyerl. &
 Frodin, 244, 249, 273 App.
Schoepfia
 brasiliensis A.DC., 50 App.
 SCHOLTE, P., 207–209 Rev.
Scilla
 autumnalis L., 67 App.
Scleranthus
 annuus
 subsp. *polycarpus* (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

- 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.) Steyerl., 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.
Smyrnum
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
bocconeii (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

- 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

- 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. & Schtdl.) 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.
clausseii 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.

- 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.
 gutterioides (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* (Hauskn.) 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
 thyrsoides 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

- 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.