

Correspondence Project

Index

[More Information](#)

INDEX

The dates of letters to and from Darwin's correspondents are listed in the biographical register and index to correspondents and are not repeated here. Darwin's works are indexed under the short titles used throughout this volume and listed in the bibliography. The abbreviation FD refers to Francis Darwin (CD is Charles Darwin).

- Abbott, Edwin Abbott 462
Abies nordmanniana (Caucasian fir) 294 & 295 n8
 abundant flowering wood sorrel *see Oxalis florbunda*
Acacia: Australian acacias 61 & n3; FD's observations 284 & 285 n5; genus now split into five related genera 285 n5; leaves 271 n2
Acacia buxifolia 31
Acacia cultriformis (knife-leaf wattle) 208 & n3
Acacia iteaphylla 31 & 35 n14
Acacia lophantha see Albizia lophantha
Acacia retinoides (swamp wattle) 289 & n6
Acaciella 285 n5
 Academia Nacional de Ciencias (Argentina; National Academy of Sciences): elected CD honorary member 539–40
 Académie des sciences (Academy of Sciences of the Institute of France): G. Bentham congratulates CD on election to 337 & n1; A. de Candolle congratulates CD on election to 341–2 & 342 nn 2–5, 525 & 526 nn 2–5; CD comments on his election 341 & n2, 344 & n4, 352 & n2, 353 & n2, 354 & 355 n2; CD nominated several times for zoological section 167 & 168 n3, 333 n3, 334 n2, 337 n2, 342 n3, n5, 514 & 515 n3, 523 n3, 524 n2, 526 n3, n5; elected CD corresponding member of botanical section xxi, 333 & n3, 334, 337 n1, 339 & 340 n2, 342 n2, 345 n4, 349 n1, 352 n2, 353 & n2, 355 n2, 367 n1, 523 & n3, 523, 524 & 525 n2, 526 n2, 538 & n1, 539 n2; L.A. Errera congratulates CD on election to 345 & n4; J. Priestley, foreign member 342 & n4, 525 & 526 n4; A. Gray, corresponding member 353; G. de Saporta, congratulates CD on election to 339–40 & 340 n2, n3, 355 n2, 524 & 525 n2, n3; G. de Saporta, corresponding member of botanical section 340 n3, 525 n3; E. Vignes, *La France* article 367 & n1
 achenes: Compositae 226 & n3; *Pumilo argyrolepis* 226 & n2, n3
 acids: application of to plants 279 & 280 n3
 Acland, Lawford Maclean 1 & n2
Acræa thalia (Actinote thalia) 69 & 70 n4
 Actonian prize 71 & n2
 Adams, Andrew Leith: deer 369–70 & 370 nn 1–5; thanks CD for comments on career 369 & 370 n2
Adenanthera pavonina (red beadtrees) 284 & 285 n4, 309 & 310 n9, 321 & 322 n13
Adenosacme 189 & 193 n1
Adenosacme acuminata (Lawia acuminata) 189 & 193 n3, 191
Adenosacme longifolia (Rondeletia longifolia) 189 & 193 n2, nn 4–6, 190; buds 191, 192
 Adonibezek 347 & 349 n10
Aegilops 70–71 & 71 n1; CD's observations 72 & 73 n3; A.S. Wilson 87 & n5
Aegilops ovata (A. geniculata); ovate goatgrass: CD thanks for seed 105 & n1, 124–5 & 125 n2; FD acknowledges seed received at Down 88 & n4, 98 & 99 n1; radicles 105 & n2; *Variation* 73 n2; A.S. Wilson sends 86 & 87 n2, 121 & n2
Aegilops triticoides 73 n2
Aeschynomene pfundii see Smithia pfundii
Aesculus hippocastanum (horse chestnut) 329 & 330 n6, 446 & n2, 447 & 448 n6, 448 & 449 n6, 449 & 450 n2
Aeshna (hawker dragonflies; mosaic darner dragonflies) 429 & 430 n3

Correspondence Project

Index

[More Information](#)

708

Afghanistan xxv, 436 & 436–7 n2, 437 n3, n4
Agaricus 6 n3
 Agassiz, Louis 337 & n3
Agnotherium 217 & 218 n5
Agraulis vanillae *see* *Dione vanillae*
Akebia (chocolate vines) 327 & 329 n3, 329 & 330 n2, 330 & 331 n2
Albizia julibrissin (silktree) 297 & 298 n3, 309 & 310 n8
Albizia lebeck (woman's tongue; siris tree) 309 & 310 n9
Albizia lophantha (*Paraserianthes lophantha*; plume albizia; *Acacia lophantha*) 284 & 285 n4, 297 & 298 n3
 Alcock, Rutherford 534
 Aldabra 351 & 352 n1
 Alefeld, Friedrich: *Linum* 23 & 24 n12, 195 & 196 n2
Aleurothrixus floccosus (woolly whitefly) 114 n2
 algae 404 n2
 Algarotti, Francesco 482 n3
 Alice: and Blanche request CD's autograph 216 & n1; and Blanche thank CD for autograph 222 & n1
 aliphera longwing (*Eueides aliphera*) 69 & 70 n4
 alkaline matter exuded from leaves 461 n4
 Allen, Grant: colour in plants 129–30 & 131 n6, n7; *Physiological aesthetics* 323 & 324 n5; G.J. Romanes's animal intelligence lecture 361 & 362 n5; sends manuscript 116 & nn 2–5; sent J.A. Allen's paper to CD 322–3 & 323 n2, 324 n3; thanks CD for comments on manuscript 129 & 130 n2
 Allen, Joseph Antisell: thanks CD for comments on Allen's paper 322–3 & 323 n2, 324 nn 3–5
Allium cepa (common onion) 65 & n4
 alpine geological formations 171–2 & 172 n1, 228 & n2
 Altai 402 & 403 n8, 407 & 408 n8
Amanita agaricus (fly agaric) 6 n4
Amaranthus retroflexus (red-root amaranth) 415 & n7, 418 n3
Amblycerus *see* *Spermophagus*
Ambystoma mexicanum (axolotl) 309 & 310 n12, n13
 America: Rocky Mountains vegetation 402 & 403 n8, 407 & n7; social change in 443 & 444 n5
 American hog peanut (*Amphicarpa monoica*; *A. bracteata*) 325 & 326 n1
 ammonia: carbonate of 301 & 303 n14
Ampelopsis tricuspidata (*Parthenocissus tricuspidata*; Boston ivy) 381 & 383 n4
Amphicarpa (*Amphicarpaea*; hog peanut) 40 & 41 n4, 43 & 44 n5
Amphicarpa monoica (*A. bracteata*; American hog peanut) 325 & 326 n1

Index

Anacamptis 388 & n2
Anaea 318 n4
Anaea fabius (*Consul fabius*; tiger leafwing) 318 n4
Anagallis arvensis (scarlet pimpernel) 329 n4, 329 & 330 n5
Anagallis pratensis 328 & 329 n4
Anartia amathea (scarlet peacock butterfly) 153 & 154 n5
Anas discors *see* *Querquedula discors*
Anchiphlebia archaica (*Antirrhoea archaica*) 152 & 154 n3
Anchitherium 230 & 231 n3
 ancient climates 58 & 60 n2, 508 & 510 n2
 ancon sheep 500 & 501 n6
 angiosperms: G. de Saporta 59, 509
 animal behaviour: G.J. Romanes 238 n3
 animal intelligence: examples of xxi
Animal intelligence (G.J. Romanes): included material from CD on instinct xxi, 242 n2, 244 n3; published 371 n2, 377 n2; Romanes working up subject for 371
 'Animal intelligence' (G.J. Romanes, lecture) 238 n2, 241 & 242 n1, 361 & 362 n4, n5, 375 n3; CD comments on 364 & 365 n1
 animal intelligence (G.J. Romanes, work on): CD agrees to lend species book chapter 10 to Romanes xxi, 244 n1
 animal rights 346–8 & 348 nn 2–6, 349 nn 7–11
 animals: domesticated 107; instincts of *see* instincts of animals
Annularia 21 & n5, 39 n5
Anoda 329 n9
Anoda wrightii (*A. lanceolata*; lanceleaf anoda) 329 n9
Anser anser (common European goose; domestic variety of wild greylag goose) 359–60 & 360 n1, n2, 364 n2, n3, 366–7 n2, 374 n1, n2, 376 n2, n3
Anser cygnoides (Chinese goose; domestic variety of wild swan goose) 359–60 & 360 n1, n2, 364 n2, n3, 366–7 n2, 374 n1, n2, 376 n2, n3
Anteos menippe *see* *Callidryas menippe*
Antirrhoea archaica *see* *Anchiphlebia archaica*
 ants 118 & n2
 apheliotropism 306 n12
 apogeotropism: terminology 43 n5
 apogeotropism (CD's work): CD works on 381 & 383 n5; *Movement in plants* 383 n5; oats 267 & n9; observations of several plants 301 & 302 n7, *see also* geotropism
 apples 84 & n5, 92 & 93 n3, 106 & 108 n9; growing from seed 113 & 114 n5
 D. Appleton & Co.: *Climbing plants* US ed. 201; *Cross and self fertilisation* US ed. 202; *Descent* US ed. 201; *Expression* US ed. 200; *Forms of flowers* US

Correspondence Project

Index

[More Information](#)

Index

709

- ed. 201; *Insectivorous plants* US ed. 201; *Orchids* US ed. 201; *Origin* US ed. 200; royalties paid to CD 200–202 & 202 n1
- Araceae *see* Aroideae
- Arachis*: CD requests 138; W.T. Thiselton-Dyer 30 & 35 n10, 154 & n2
- Arachis hypogaea* (peanut): ovaries buried 208–9 n11; stalk development 35 n10
- Arachis hypogaea* (peanut; CD's work): burying of pods 368 & n4; CD asks W.T. Thiselton-Dyer for help observing burying of pods as his plant not doing well 208 & n11, 305 & n10; flowering but not setting pods 242 & n5; gynophores 326 & 327 n2; injured in experiments 138 & n5, 208 & n11; received from Kew 305 n10, 326 & 327 n2; seedlings raised 144 & 145 n4
- Araliaceae 59 & 60 n5, 510 & n5
- Araujia sericifera* (common moth-vine; cruel plant; *Physianthus albens*): CD sent fruits to Kew 208 & n10; CD will give W.T. Thiselton-Dyer fruit 43 & 44 n3; H. Lettington 44 n4; W.T. Thiselton-Dyer identified for CD 31 & 35 n12
- Aristolochia siphon* (Dutchman's pipe) 247 & 248 n2, 263 & n4, 274 & 275 n6
- Armoracia rusticana* (horseradish) 132 & n3
- Armstrong, Richard Acland 439
- Arnold, Francis Sorell: asks about apparently contradicting passages in *Origin* 6th ed. 494 & 495 n3; CD responds to comment on *Origin* 6th ed. 500 & n2
- Arnold, Matthew 462
- Aroideae (Araceae) 38 & 39 n3
- arrei societies 437 & 438 n5, 442 & 444 n3
- arrowleaf sida (*Sida rhombifolia*) 329 & 330 n4
- arrowroot (Marantaceae) 294 & 295 n6, 305 n2, 315 & 316 n6
- Ascension 406 & 407 n5
- 'ash leaf kidney' potato 127 & 128 n4
- Asher, George Michael: asks CD to send his photograph to M.N. Galkin-Vraskoi 53 & n2, 57 & n1; CD sends on wheat specimens to A.S. Wilson 168 & 169 n1, n2; requested wheat seeds for CD from Galkin-Vraskoi 53 & n1, n2, 58 & n2, 508 & n2; wheat seeds delivery arrangements 57 & n1, 58 & nn 2–5, 58 n2, 508 n2
- Ashley-Cooper, Anthony, 7th earl of Shaftesbury 204 & 205 n4
- Ashton-under-Lyne Linnean Botanical Society 211 n3, 293 n2
- Assembly of German Naturalists and Physicians: E. Haeckel's speech xxii, 37 & 38 n4, 504 & n4; R.C. Virchow's address xxii, 49 & 50 n5, 141 & 143 n3, 511 & 512–13 n3
- Association of Liberal Thinkers 438–9 & 439 nn 1–5, 440 n6
- Asteraceae *see* Compositae
- Astrolepis* 347 & 348–9 n6
- atolls 351–2 & 352 nn 1–3
- Atriplex* (saltbush) 372 & 373 n4
- aubergine (*Solanum melongena*; eggplant) 413 & 414 n3
- Aurelia aurita* 401 n2
- Austin, Albert Duncan: F. Galton publishes his letter (forwarded by CD) 213 & 215 n3; on rapid and slow change and development theory 319–20 & 320 n1
- Australasia: A.R. Wallace 386 & n3
- Australian acacias 61 & n3
- Australian orchids 406 & n1
- Austrian scientists *see* German and Austrian scientists photograph album
- authors: as judges of their own work 452
- autographs (CD's): É. Beneden requests 174 & n2, 516 & n2; Blanche and Alice request and receive autographs 216 & n1, 222; CD will send to S.B.J. Skertchly 96 & 97 n5; O.C. Marsh requests 280 & 281 n2, 291 n2, n4; R. Meldola requests 134; Skertchly requests 81
- autumn crocus (*Colchicum autumnale*) 199 & n4
- Auwers, Arthur Julius Georg Friedrich 541
- Aveling, Edward Bibbens: CD thanks for article and requests others 397 & n2; sends article on CD's works 394 & n1
- Avena* 10 n2
- Avena sativa* *see* oats
- AWARDS AND POSITIONS (CD) *see* Darwin, Charles Robert, AWARDS AND POSITIONS
- Axell, Johan Severin: *Silene inflata* 335 & 336 n6; *Viola palustris* 26 & 27 n4; *Viola tricolor* 26 & 27 n4
- 'axles' (Darwin family word) 424 & 426 n8
- axolotl (*Ambystoma mexicanum*) 309 & 310 n12, n13
- 'Azorean Honeysuckle' (*Bignonia capensis*; *Tecoma capensis*; Cape honeysuckle) 247 & 248 n2, 263 n4
- Aztec tobacco (*Nicotiana rustica*; wild tobacco) 415 n3
- BAAS *see* British Association for the Advancement of Science
- bacteria: F.J. Cohn 332 n5; J.D. Hooker on discovery of 403 n7; J. Lister 408 & n1
- Baillière, Gustave-Germer: CD thanks for French translation of *Coral reefs* 2d ed. and congratulates L. Cosserrat on translation 271–2 & 272 n2

Correspondence Project

Index

[More Information](#)

710

Index

- Baker, John Gilbert: CD sends thanks for help (via W.T. Thiselton-Dyer) 39 & n2; *Echeveria* 30 & 35 n11; ferns identified 31 & 35 n15; house at Kew 485 & 486 n3, 489 n2; Royal Society, fellowship 485
- Balanus* 167 & 168 n5, 514 & 515 n5
- baldness 366 n2
- Balfour, Cecil Charles: offers (via F.M. Balfour) to make observations on Keeling islands 36–7 & 37 nn 1–5
- Balfour, Francis Maitland: career 266 & 267 n5, 287 n2; lent microscope to G.H. Darwin 286 & 287 n2; reports his brother offers to make observations on Keeling islands 36–7 & 37 nn 1–5; visits Down 534
- Ball, John: and J.D. Hooker work on Moroccan book 268 & 269 n5, 402 & 403 n9
- bank failures 455 & n5, 483 n7
- barberry bush (*Berberis*) 380 n9
- Barbier, Edmond: *Origin* French eds., translated 409 & n5, 529 & n5
- Bardfield oxlip (*Primula elatior* Jacq.) 2 & n1
- Barmby, Goodwyn 439
- barnacles *see* cirripedes
- William Barron & Sons 326 & 327 n3
- Bartlett, Abraham Dee 375 & n4, 377 & n1
- Barton, Charles Robert 123 & 124 n5
- Bartsch, Carl Friedrich 541 & 542 n2, 542 & n2
- Bary, Anton Heinrich de: *Agaricus* 5 & 6 n3; A. Dodel-Port's botanical atlas 233 & 235 n5, 234, 519 & n5; *Phytophthora infestans* 108 n7; *Utricularia vulgaris* 352 & 353 n5
- Basque peoples 55 & 55–6 n2
- bassoon: FD played xix, 464 n2
- Batalin, Alexander Fedorovich 261 & 262 n4, 380 & n8
- Bates, Dr 94 & 95 n6
- Bates, Henry Walter 236 & 237 n2, 414 n1, 450 & 451 n3
- Batrachia 347 & 349 n7
- bats: whether exist in Galápagos Islands 158–9 & 159 n1, 159 & n2
- Bauhinia discolor* 297 & 298 n3
- Bauhinia forficata* (Brazilian orchid tree) 297 & 298 n3
- Bauhinia pauletia* 298 n3
- Bauhinia richardiana* 284, 297 & 298 n3, 308 & 310 n8
- Baxter, William Walmisley: CD asks about composition of spermaceti ointment 10 & n2; spermaceti ointment composition 10–11 & 11 n1, n2
- Beagle* voyage 163 n4, n5, 166 n1, 422 n4, n5, 423 n3, n6
- Beal, William James: CD thanks for review and article 209 & n1, n2
- bean radicles 170 n1, n2, 185 n5
- beavertail cactus (*Opuntia basilaris*) 225 & n3
- Beckhard, Martin: CD thanks for L. Geiger's books 47–8 & 48 n2
- bed bug (*Cimex lectularius*) 430–31 & 431 n3, 530–31 & 531 n3
- Bedford, duke of, Hastings Russell 82 & n2, 204 & 205 n4
- bee fly (*Bomblylius*) 429 & 430 n2
- bee orchid (*Ophrys apifera*) 428–30 & 430 n1, n4
- beech 59 & 60 n4, 509 & 510 n4
- bees: CD's 1848 notes on instinct in bees and wasps xxi, 238 n2, 242 n1, 244 n2, 472 n5; humble-bees 399 & n4; A.S. Wilson 335, 341 n3
- beetles: in *Cassia neglecta* 199–200 & 200 n3, 202 & 203 n3, 212 & n3, 215–16 & 216 n1
- Behrens, Wilhelm: CD comments on Behrens's book on pollination theory 370 & n2, n3, 371 nn 4–6; flower nectaries 412 & n3; thanks for CD's comments 412 & nn 1–3
- Beneden, Édouard van: sends circular and requests CD's photograph and autograph 174 & n2, 516 & n2; thanks CD for willingness to participate in display honouring T. Schwann 377 & n2, 527 & n2
- Benghal dayflower (*Commelina benghalensis*) 499, 499 & n1
- Benoît, René: *Expression* French ed., S.J. Pozzi and R. Benoît translated 409 n4, 529 n4; *Expression* French 2d ed., S.J. Pozzi and R. Benoît translated 409 & n4, 529 & n4
- Bentham, George: *Acacia iteaphylla* 31 & 35 n14; burying of seed capsules 40 & 41 n3, 43 & 44 n5; CD thanks for congratulations on election to Académie des sciences 341 & n2; CD will use cyclamen information in new edition of *Forms of flowers* 39 & 40 n3; congratulates CD on election to Académie des sciences 337 & nn 1–3; *Helianthemum procumbens* 30 & 35 n7, 40 & 41 n3
- benzoic acid 408 & n2
- Berberis* (barberry bush) 380 n9
- Bergson, Edouard: asked CD about difference between plants and animals 431 n2, 531 n2; *Cimex lectularius* 430–31 & 431 n3, 530–31 & 531 n3
- Berlin, Treaty of 322 n11
- Bernard, Claude 148 & n2, n3
- Bertrand, Joseph: Académie des sciences, botanical section elects CD corresponding member 334 & n2, n3, 523 & 524 n2, n3, 538 & 539 n2; CD thanks for membership 344 & n2

Correspondence Project

Index

[More Information](#)

Index

711

Berula bracteata see *Sium helenianum**Berula erecta* see *Sium thunbergii*

Besant, Annie 438 n4

Bible: N. Lewy comments on hybridism in the Bible 196–7 & 198 nn 2–14, 516–17 & 517 nn 2–7, 518 nn 8–14

Bignonia 184 & 185 n3*Bignonia capensis* (*Tecoma capensis*; Cape honeysuckle; ‘Azorean Honeysuckle’) 247 & 248 n2, 263 n4*Bignonia capreolata* (crossvine): CD finds valuable and will return to Kew 372 & 373 n3; CD will request from Veitch & Sons 350 & 351 n4, 368 & n5, 373 n3; *Climbing plants* 2d ed. 298 n5, 306 n12, 351 n4; negatively heliotropic 298 n5, 305 & 306 n12; received from Kew 372 & 373 n3; tendrils 305 & 306 n12, 368 & n5

Binns, William 439

‘Biographical sketch of an infant’ (CD): Greek translation (from German translation) xxi, 46 & n4, n5, 505 & n4, n5; *Kosmos*, German translation of 46 & n4, 505 & n4bird-of-paradise shrub (*Poinciana gilliesii*; *Caesalpinia gilliesii*) 309 & 310 n9

birds: trained to talk xxi, 142 & 143 nn 7–9, 511–12 & 513 nn 7–9

bird’s-nest orchid (*Neottia nidus-avis*) xviii, 137 & n2

Birmingham and Midland Institute 435 n7

birth control (contraception) xxiii, 265 & n1, 437 & 438 n4

birthday greetings (to CD): W.D. Fox 51; E. Haeckel 47 & n2, 505 & 506 n2; C. Kraus xxii, 48 & 49 n4, 506 & 508 n4

birthday greetings responses from CD 50 & n2, 52 bismuth 501 & 502 n10

bittersweet (*Solanum dulcamara*; woody nightshade) 381 & n1, 387 & n1black brony (*Tamus communis*) 263 & n4, 274 & 275 n6black-flowered lotus (*Lotus jacobaeus*) 380 & n10bladder campion (*Silene inflata*; *S. vulgaris*) 335 & 336 n6bladderwort (*Utricularia*) 115 n2bladderwort, common (*Utricularia vulgaris*) 352 & 353 n5

Blainville, Henri de 217 & 218 n4

Blair, Jessie Alice: photograph of gosling with turned back feathers 161, 162

Blair, Reuben Almond: CD comments on experimental work 473; CD corresponds with W.H. Flower about goose wing sent by Blair 76 & 77 n1, 78 & n3, 158 & n2, 160 & 161 n2, 332 & 333 nn 2–4; CD informs of Flower’s report on goose wings 473 & nn 1–3, 474 & n2; CD

sends Flower’s observations; and asks for more goose wings 161 & nn 1–3; CD thanks for letter and has written to Flower with particulars 330 & nn 1–3; discusses malformed goose wings 299–300 & 300 nn 1–3; Flower reports to CD on additional goose wings sent by Blair 466–7 & 468 nn 2–6; Flower suggested to CD that Blair send more goose wing samples 160 n2, n3, 161 n2, 161 n2; J.G. Garson, report on goose wings 467 & 468 n2, n6; reports sending goose wings to Flower as requested 299 & 300 n1, 473 n1; writes to Smithsonian Institution to arrange sending of goose wings requested by CD 279 & n1, n2

Blakeway, Herbert Samuel: sent pig’s head with wattles to G. Rolleston 356–7 & 357 nn 1–5

Blanche: and Alice request CD’s autograph 216 & n1; and Alice thank CD for autograph 222 & n1

blood corpuscles 390 & n2

bloom on plants: fern 39 & 40 n4; *Polypodium aureum* 31 & 36 n16; stomata 327 n6bloom on plants (CD’s work): *Acacia cultriformis* 208 n3; *Acacia retinoides* 289 & n6; Australian *Acacias* 61 & n3; cabbages 252 & n6; CD asks A. Ernst about in Venezuela 16 & n2; CD began studying 246 n7; CD did not publish on 16 n2; CD resumed work on 16 n2, 246 n7; CD works on 338 n4, 533; geraniums 447 & n1, n3; seakale 88 n5, 252 & n6; *Trifolium resupinatum* 60 & 61 n2, 327 & n6; works on bloom with FD 16 n2, 23 & 24 n9, 88 n5, 289 n6, 311 n15, 316 n8, 358 n3, 373 n4, 379 n3, 388 n1, 447 n4bloom on plants (FD’s work): CD on FD’s attitude to 320; experiments testing for nitrogenous matter 447 n4, 448 n5; geraniums 446 & 447 n4, 447 n1, 448 & 449 n2; *Helvingia ruscifolia* 309 & 311 n15, 320 & 321 n8, 325 n4, 330 & 332 n3, n4; *Lactuca serriola* 331 & 332 n6; *Primula* species 378 & 379 n7; some results published 16 n2; stomata 16 n2, 358 n3, 372 & 373 n4, 378 & 379 n3, n5, n6; *Trifolium resupinatum* 368 n2, 373 & n4; *Vicia sativa* 378 & 379 n6; works on bloom with CD 16 n2, 23 & 24 n9, 88 n5, 289 n6, 311 n15, 316 n8, 358 n3, 373 n4, 379 n3, 388 n1, 447 n4

bloom on plants (J. Sachs’s work): protective functions of 245, 252 & n6, 326–7 & 327 n6, 380 n4; Sachs suggests experiments 331 & 332 n4, n5, 447 n4; Sachs’s view of CD’s and FD’s work 315 & 316 n8; stomata 315 & 316 n8, 327 n6, 380 n4

blue flax see *Linum perenne*

Correspondence Project

Index

[More Information](#)

712

Index

blue pigeon (*Columbia livia*; rock pigeon) 393 n9
 blue-winged teal (*Querquedula discors*; *Anas discors*) 181 & n4
 Board of Trade: T.H. Farrer, permanent secretary 79 & n2, 91 n1
 bog-bean, common (*Menyanthes trifoliata*) 334 & 336 n2
 Bohn, Henry George 450 & 451 n3
 Böke, Gyula 183 & n3
Bombylius (bee fly) 429 & 430 n2
 Boothby, Brooke 253 & 255 n2
 boracic acid 408 & n3
 Borneo caves expedition 28 & n1
 Boston and Albany Railway (formerly Western Railroad of Massachusetts) 307 & n1
 Boston ivy (*Ampelopsis tricuspidata*; *Parthenocissus tricuspidata*) 381 & 383 n4
 botanical observations and experiments xvii
 botanical taxonomy: CD never worked on xxi, 344 & n5, 353 & n2
Botrychium 38 & 39 n2
Botrydium granulatum 404 n2
Botrytis infestans: renamed *Phytophthora infestans* by A.H. de Bary 108 n7
 bottle gentian (*Gentiana andrewsii*) 43 n9
 boulder clays 81 & 82 n8
 Boussingault, Jean-Baptiste 447 & n4
 Bowman, William: CD comments on Actonian prize subject 71 & n2; Royal Institution 71–2 n2; visits Darwins 534
 brachiopods 347 & 348 n6
 Bradlaugh, Charles 438 n4
 brain anatomy: chimpanzee 94–5 & 95 n1, n7, 96 nn 8–10
 Brandon flint-knapping 81 & 82 n9
 Brassey, Annie 422 & 423 n6
Brassica napus (rape) 327 & 328–9 n2
 Braun, Alexander Carl Heinrich 164 & 165 n2, n3, 166 n2, 513 & 514 n2, n3
 Braun, Julie 439
 Brazilian butterflies 2 & n2, 4 n2, 69 & 70 nn 3–7, 152–3 & 154 n5, n7, 237 n2, 368 & n3
 Brazilian orchid tree (*Bauhinia forficata*) 297 & 298 n3
 Brazilwood (*Caesalpinia echinata*) 297 & 298 n3
 Breckland thyme (*Thymus serpyllum*) 220 n3, 335 & 336 n5
 breeding: deerhounds 217–18 & 218 nn 1–8
 Brefeld, Oscar: A. Dodel-Port's botanical atlas 240, 520
 Bremer, Peter Petersson 138 n3
 Bridges, Thomas 422 n1, 423 n2
 bristly hawkbit (*Leontodon hastilis*; *L. hispidus*) 415 n3

Bristow, Edward Jones Agnew: writes to H.E. Litchfield 111 & n1, n2, 117 n5, 141 n5
 British Association for the Advancement of Science (BAAS): 1878 meeting 326 n3, 326 n4; G.H. Darwin, 'On the precession of a viscous spheroid' 263 & 263–4 n2, 359 n3, 362 n3, 416 n3; A.H. Everett, Borneo caves expedition 28 & n1; D.S. Galton, general secretary 263 n2; T.H. Huxley 326 & n4; G.J. Romanes, 'Animal intelligence' 238 n2, 241 & 242 n1, 361 & 362 n4, n5, 375 n3; J. Torbitt, paper on potato disease 94 n4
 British Museum: W. Carruthers 91; Chiroptera 159 & n1; W. Davies 369 & 370 n3; W.C. Hewitson's Lepidoptera collection 313 & n7
 broad bean *see* *Vicia faba*
 broadleaf wood sorrel (*Oxalis latifolia*; *O. vespertilionis*) 284 & 285 n4, 295 & 298 n3
 Broca, Adèle-Augustine 333 & n4, 523 & n4
 Broca, Paul: invites CD to international congress of anthropological sciences 333 & nn 2–4, 522–3 & 523 nn 2–4
 Bronn, Heinrich Georg: *Origin* 6th ed. German ed., translated 198 n4, 517 n4
 Brooke, Simpson, and Spiller 420 n2
Broussonetia (paper mulberries) 378 & 379 n5
Broussonetia papyrifera 379 n5
 Brown-Séguard, Charles Édouard 76 & 77 n2; cited in *Variation* 2d ed. 77 n2; inherited effects of injury 311 & n2, 332 & 333 n3
 brown vetchling (*Lathyrus setifolius*) 30 & 35 n9, 41 n4
 Bruce, Henry Austin, Baron Aberdare 462 & 463 n5
 Brydges Willyams, Sarah 482 n3
 Buckland, Frank 371, 375 & n4
 Buckman, James 174 & 175 n3
 buckthorns (*Rhamnus*) 3 & n5, 22 & 24 n6
 bulbous buttercup (*Ranunculus bulbosus*) 293 & n3
 bulbs: from G. Francis 72 & n1
Bulletin of the Torrey Botanical Club: T. Meehan 24 n11, 61 n4, 171 n3, 195 n1, 196 n3
 Bulwer-Lytton, Edward Robert 436–7 n2
 Bunsen, Robert Wilhelm Eberhard 246 n2
 Burdon Sanderson, John Scott: assisted R. Koch with an experiment 5–6 n2; FD hears of effect of thymol from 5; showed CD Koch's photographs of bacteria 5 & 5–6 n2
 Burnaby, Emma 471 & n1, 475 & 476 n4, 478 & n1, 484 & 485 n3, 487 n9
 Burnaby, William Dyott 475 & 476 n4
 Burnaby, William Edward 471 & n1
 burying of seeds: *Amphicarpa* 43 & 44 n5; *Arachis hypogaea* 208 & n11, 305 & n10, 368 & n4;

Correspondence Project

Index

[More Information](#)

Index

713

- G. Bentham 40 & 41 n3, 43 & 44 n5; CD's interest in 499 & n1; *Commelina benghalensis* 499 & n1; *Form of flowers* 2d ed. 39 & 40 n3; W.T. Thiselton-Dyer 40 & n2, 41 n4, 43 & 44 n5, 499 & n1; *Trifolium subterraneum* 322 n12; underground development of seeds (hypogean habit) 43 & 44 n5, 499 & n1
- Butler, Arthur Gardiner: *Anchiphlebia archaea* 152 & 154 n3; *Pyrrhosticta* 25 & n3
- Butler, Henry Montagu 462
- butterflies: Brazilian 2 & n2, 4 n2, 69 & 70 nn 3–7, 152–3 & 154 n5, n7, 237 n2, 368 & n3; F. Müller, 'Notes on Brazilian entomology' 152 & 153 n1, 200 n2, 203 n1, 213 n4, 216 n2, 236 & 237 n2; odoriferous 69 & 70 n6, n7, 152 & 154 n3, n4, 165 & n4; sexual selection 236 & n2, 237 n1, n2
- butterwort (*Pinguicula*): W.C. Marshall's observations 397–8 & 398 n3, 399 & n2
- Button, Jemmy (Orundellico) 163 n2, 166 n1, 185 n1
- Button, Jimmy FitzRoy (Cooshaipunjiz) 163 n2, 166 & n1, 185 & n1
- Button, William Beckenham (Pucananlactanjiz) 162 & 163 n2, n3
- Byron, 6th Baron 46 n6
- cabbage caterpillars 245 & 247 n10
- cabbage moth (*Mamestra brassicae*) 247 n10
- cabbages 252 & n6, 357 & 358 n3; radicles 56 & 57 n4
- Cactae* (Cactaceae): CD requests seedlings xvii, 184 & 185 n4, 225 & n2; CD requests seeds or fruit 206; cotyledons xvii, 207 n4; movement of seedlings 223 & 225 n1
- Caesalpinia*: FD's observations 284 & 285 n5
- Caesalpinia echinata* (Brazilwood) 297 & 298 n3
- Caesalpinia gilliesii* see *Poinciana gilliesii*
- Caesalpinia pectinata* (*Couleria tinctoria*; *Caesalpinia spinosa*) 309 & 310 n9
- Caird, James: W. Carruthers' memorandum 102 & n2; CD lent Caird CD's letter to T.H. Farrer 102 & n5; CD returned Caird's letter 112 & n1; CD sent J. Torbitt's testimonials on potato varieties to 132 & 133 n6, 133 n1; CD works with T.H. Farrer and Caird to obtain support for Torbitt's project xxv, 98 n4, 102 n1, 107 n1, 113 & n3, 117 & n4, 131 & 132 n1, 136, 140 & 141 n4, 147 & n1, 149 & n1, 149 & 150 n3, 488 & n5; fungus-proof potato variety grown in Scotland 102, 257 & 258 n2; meeting with CD 91 n5, 97 & 98 n4, 98 n1, 99 & n3, 101 & 102 n1, 102; returns enclosed item as CD requested 98 & n1; Royal Agricultural Society, Caird reports no good for Torbitt's project 97 & 98 n4, 99 & n4; Royal Agricultural Society, Caird will see about Torbitt's potato project 82 & n1, 89 & 90 n3, 90 & n2; Royal Agricultural Society, member of xxv, 82 & n1, 83 n3, 98 n4; supports Torbitt's project 82 & n1, 89 & 90 n3, 90–91 & 91 nn 1–5, 101 & 102 n1, 105 & 107 n1, 113 & n3, 133 & nn 1–3, 149 & 150 n3; Torbitt's project finance 133 & nn 1–3, 140 & 141 n4; visited CD in London 91 n5, 97 & 98 n4, 98 n1, 99 & n3, 534; writes to T.H. Farrer about Torbitt's project 90–91 & 91 nn 1–5
- Cairina moschata* (musk duck; muscovy duck) 374 & 375 n4
- Caladium* 250 n2
- Caladium esculentum* (*Colocasia esculenta*; coco yam; wild taro) 250 n3, 259 & n1, n2
- Calathea* 294 & 295 n6, n7; CD's observations 304 & 305 n3
- Calathea zebrina* see *Maranta zebrina*
- Callidryas* (*Phoebis*) 25 & n3
- Callidryas menippe* (*Anteos menippe*, orangetip angled-sulphur) 312 & n3, 368 n3, 521 & 522 n3
- Callwell, George 413
- Cambridge Botanic Garden: CD's testimonial for R.I. Lynch 464 & n1, n2; R.I. Lynch, curator 418 n5, 464 n2; R.I. Lynch, curatorship application 463 & n2, 464 & n2
- Cambridge University: memorial about Greek in Previous Examination 462–3 & 463 nn 1–9
- Cambridge University awarded CD honorary degree: CD does not use title Dr xxi, 151 & n2; CD thanks J. Price for congratulations on xxi, 49 & 50 nn 2–4; F. Delpino comments on 167 & 168 n3, 514 & 515 n3; A. Moschkau congratulates CD on 141 & 143 n2, 511 & 512 n2
- camelids 390 n2
- Cameron, Julia Margaret: photograph of CD 281 n2; portrait photographs 281 n7
- Cameron, Peter 236 & 237 n3
- Campbell, George 9 & 9–10 n3
- Campbell, George Douglas, 8th duke of Argyll: CD discusses well-marked species 394–5 & 395 nn 1–3
- Campbell, John Frederick Vaughan, 2d Earl Cawdor of Castlemartin 356 & 357 n3
- Canada, Prentice A. 135 & n2
- canary grass (*Phalaris canariensis*) 244 & 246 n2
- Canary Islands 402 & 403 n9, 404
- cancer 77 & n1
- Candolle, Alphonse de: and C. de Candolle, eds., *Monographie phanerogamarum prodromi nunc continuatio nunc revisio* 342 & n6, 525 & 526 n6; CD

Correspondence Project

Index

[More Information](#)

714

Index

- sends message to C. de Candolle about A. de Bary's work 352 & 353 n5; CD thanks for book 352 & 352–3 n3; CD thanks for congratulations on election to Académie des sciences 352 & n2; congratulates CD on election to Académie des Sciences 341–2 & 342 nn 3–5, 525–6 & 526 nn 2–5, 525 & 526 nn 3–5; sends greetings to CD's sons 342 & 343 n8, 526 & n8
- Candolle, Casimir de: and A. de Candolle, eds., *Monographie phanerogamarum prodrumi nunc continuatione nunc revisio* 342 & n6, 525 & 526 n6; *Dionaea muscipula* 353 n5; research interests shared with FD 343 n8, 526 n8
- Canis lupus* (wolf) 347 & 349 n7
- Canis spelaeus* 217 & 218 n5
- Canna* (canna lilies) 315 & 316 n6
- Cape honeysuckle (*Bignonia capensis*; *Tecoma capensis*; 'Azorean Honeysuckle') 247 & 248 n2, 263 n4
- Cape sundew (*Drosera capensis*) 389 & n2, 391 n3
- Caracus wigandia (*Wigandia urens*) 415 & n7
- carbonate of ammonia 301 & 303 n14
- Cardamine pratensis* (lady's smock; cuckoo flower) 178 & 179 n4
- Carduus arvensis* (*Cirsium arvense*; creeping thistle) 26 & 27 n2, n3
- Carlyle, Thomas: forged letter purportedly written by him 22 & 23 n5; signatory to memorial to Cambridge University 462
- Carniola caves 309 & 310 n12
- Carpenter, Joseph Estlin 439
- Carpenter, William Benjamin 348 n5
- Carret, Jules: paper on polar displacement 421 n2, 424 & 426 n6
- Carruthers, William: British Museum 91; J. Caird met 91 & n3; memorandum by 91 n5, 102 & n2, 106 & 108 n11; objections to J. Torbitt's project xxv, 99 & n4, 102 & n2, 105 n3, 107; Royal Agricultural Society 97 & 98 n4, 99 n4, 102; suggested new potato varieties be trialled in Ireland 105 n6
- James Carter & Company 79 & n4, 85 & n4, 86 & 87 n3
- Carum carvi* (wild caraway) 362 & 363 n2
- Carus, Julius Victor: CD comments on *Zoologische Anzeiger* 395 & n4; CD and FD are not publishing on inheritance 395 & n1; CD on German collected edition of his works 395 & n3; German collected edition of CD's works, translated 390 n1, 395 n3; inheritance, if CD or FD about to publish on inheritance then E. Koch would like to publish German translation 389 & 390 n1; *Movement in plants* German ed., translated 395 n2; *Origin* 6th ed. German ed., translated 198 n4, 517 n4; *Zoologische Anzeiger* 389 & 390 n2, 395 n4
- Cassia*: CD asks F. Müller to observe in rain 202; CD sends memorandum to FD 252 & n9; CD sends seeds to Kew 312 n2, 368 & n3, 522 n2; CD's earlier interest in 252 n9, 318 n1; injured in experiments 138 & n5; *Movement in plants* 138 n6, 146 n3; returned to Kew 208 & n7; seeds sent by F. Müller 202 & 203 n4, 312 & n2, 318 n1, 368 & n3, 521 & 522 n2; withstanding frost 146 & n3
- Cassia baccata* 284 & 285 n4
- Cassia ferruginea* 312 n3, 368 n3, 522 n3
- Cassia floribunda* (*Senna floribunda*) 138 n6
- Cassia glauca* (*Senna surattensis* ssp. *sulfurea*; smooth senna) 297 & 298 n3
- Cassia neglecta* (*Senna neglecta*): beetles in 199–200 & 200 n3, 202 & 203 n3, 212 & n3, 215–16 & 216 n1; CD studied 285 n4; sent by F. Müller 318 n1
- Cassia pubescens* (*Senna hirsuta*) 146 & n3
- Cassia suffruticosa* (*Senna surattensis* ssp. *surattensis*) 309 & 310 n9
- Cassia tomentosa* L. (*Senna multiglandulosa*) 309 & 310 n9
- Cassia tora* (*Senna tora*) 203 n4, 318 n1
- Castanea* (chestnuts) 60 & n5, 510 & n5
- Castanea sativa* (Spanish chestnut) 329 & 330 n6, 447 & 448 n6, 448 & 449 n6, 449 & 450 n2
- Castle Morton trust 44 n1
- Castlemartin cattle 356 & 357 n2
- Catasetum* 288 & 289 n4, 290 n3, 291 & 292 n2
- caterpillars: F. Müller 153 & 154 nn 5–7, 312 & n3, 318 n4, 368 & n3, 521 & 522 n3; J. Sachs 245 & 247 n10; A. Weismann 2 & n2, 25 n1
- cattle: Castlemartin 356 & 357 n2; niata 153 & 154 n9; Tierra del Fuego 421 & 422 n1, 422 & 423 n2
- Caucasian fir (*Abies nordmanniana*) 294 & 295 n8
- Cavagnari, Pierre Louis Napoleon 436 & 437 n3
- cave hyena 347 & 349 n7
- Cavendish, Frederick Charles 462
- Celaenorrhinus eligius* see *Plesioneura eligius*
- Centaurium* see *Erythraea*
- Centaurium erythraea* see *Erythraea centaurium*
- centaury (*Erythraea*; *Centaurium*) 336 n1, 341 n2
- Ceratopteris* 40, 41 n5, 45 & n2, 58 & 60 n2, 65 & n3, 509 & 510 n2
- Cereus speciosissimus* (*Heliocereus speciosus*; sun cactus) 31 & 35 n13
- Cervus elaphus* (red deer) 369 & 370 n4
- Cervus megaceros* (*Megaloceros giganteus*; Irish elk) 369 & 370 n3

Correspondence Project

Index

[More Information](#)

Index

715

- chalk dudleya (*Cotyledon pulverulenta*; *Dudleya pulverulenta*) 30–31 & 35 n11
- Challenger* expedition: H.N. Moseley 188 n5, 449 & n1, 453 n3; orchids 188 & n5; Radiolaria 47 & n3, 505–6 & 506 n3
- ‘Champion’ potato 257 & 258 n2
- Charissa obscurata* see *Gnophos obscurata*
- Cheeseman, Thomas Frederick: CD sent letter to *Nature* 294 n1
- Chemical Society 295 n4
- Chenopodium album* (common lambsquarters) 415 & n7, 418 n3
- chestnuts (*Castanea*) 60 & n5, 510 & n5
- children: children’s sounds before speech 293–4; deafness 183 & n4; development, CD’s work based on his children xx
- Chilean yellow-sorrel see *Oxalis valdiviensis*
- Chilobrachys stridulans* see *Mygale stridulans*
- chimpanzee (*Troglodytes niger*; *Pan troglodytes*): brain anatomy 94–5 & 95 n1, n7, 96 nn 8–10
- Chinchona officinalis* 193 n7
- Chinchona pubescens* 193 n7
- Chinese: in America 443 & 444 n5
- Chinese goose (domestic variety of wild swan goose; *Anser cygnoides*) 359–60 & 360 n1, n2, 364 n2, n3, 366–7 n2, 374 n1, n2, 376 n2, n3
- Chiroptera 159 & n1, 159 n2
- chlorophyll: K.A. Timiryazev 246 n2
- chlorophyll (FD’s work): canary grass 244 & 246 n2; oats xix, 244 & 246 n2, 274 & 275 n7, 278 & n4, 284 & 285 n2
- chocolate vines (*Akebia*) 327 & 329 n3, 329 & 330 n2, 330 & 331 n2
- Church, Arthur Herbert 294 & 295 n3, n4
- Church, Richard William 204 & 205 n4
- Ciesielski, Theophil: FD sends a publication of Ciesielski’s to CD 274 & 275 n5, 276 n7; J. Sachs on Ciesielski’s radicles observations xviii, 195 & n3, 239 n2, 244–5 & 246 n4, 268 n10
- cilia 151 & n2
- Cimex lectularius* (bed bug) 430–31 & 431 n3, 530–31 & 531 n3
- Cinchona* 189 & 193 n7
- circumnutation: barberry bush 380 & n9; CD knew little about cause of when writing *Climbing plants* 301; CD works on 533; ceasing of 297; conspicuous 301; exaggerated 239; FD comments on CD’s work 297 & 298 n5; and growth 380 & n8; modified 288, 301, 321 n5, n6; non-climbing plants 320 & 321 n6; sleep in plants 288, 321 n5; terminology 289 & n5; twiners and tendrils 301 & 302 nn 7–11, 320 & 321 n5
- cirripedes (barnacles): F. Delpino comments on 167–8 & 168 nn 4–11, 514–15 & 515 nn 4–10, 516 n11; *Origin* 168 n7, 515 n7
- Cirsium arvense* see *Carduus arvensis*
- Cissus* 184 & 185 n3
- City of Glasgow Bank 455 & n5, 483 n7
- Clark, Andrew: CD consulted while in London 96 n2, 97 & 98 n8; CD on dry diet 97 & 98 n8; CD wished to see in London 89 & n3
- Clarke, Alexander Ross 425 & 426 n10
- Clarke, Charles Baron: dimorphism case 188–9 & 193 nn 1–8
- Clarke, Hyde: development of language 9 & nn 1–3, 10 n4
- Clarke, Richard Trevor: career 46 nn 3–5; sends pod from pea ‘Woodford’s marrow’ 45 & 46 nn 2–6
- Clifford, William Kingdon 438 & 439 n3
- climates: ancient 58 & 60 n2, 508 & 510 n2
- climbing plants: J. Sachs 284, 297 & 298 n4, 301 & 302 n7, 327 & 329 n3, n4, 330 n2; H. de Vries 285 n5, 320 & 321 n7, 353 & n1
- climbing plants (CD’s work): experiments 320 & 321 n5, see also twiners and tendrils (CD)
- climbing plants (FD’s work): circumnutation 297 & 298 n5, see also twiners and tendrils (FD)
- ‘Climbing plants’ (CD): paper read at Linnean Society 321 n5
- Climbing plants* (CD): CD knew little about cause of circumnutation when writing 301; published 302 n12, 321 n5
- Climbing plants* 2d ed. (CD): *Akebia* and *Stauntonia* 329 & 330 n2; *Bignonia capreolata* 298 n5, 306 n12, 351 n4; circumnutation of tendrils 301 & 302 n7, n8, n10; cites H. de Vries 285 n6; *Cobaea scandens* 310 n4; *Echinocystis lobata* 353 n3; published 321 n5
- Climbing plants* US ed. (CD): sales 201
- Clostridium tetani* (tenuis) 260 & 261 n4
- clovers 138
- club-foot 466 & 468 n3
- Clusius, Carolus 30 & 35 n6, 31, 36 n22
- Cobaea* 308 & 310 n4, 320 & 321 n6
- Cobaea scandens* 310 n4
- Coccus viridis* 84 & n5, 92 & 93 n3, 106 & 108 n9
- coco yam (*Caladium esculentum*; *Colocasia esculenta*; wild taro) 250 n3, 259 & n1, n2
- Cocos Islands (Keeling Islands) 36 & 37 n3
- Codariocalyx motorius* see *Desmodium gyrans*
- Coffeaceae see Rubiaceae
- coffee cultivation 93 & 94 n3, 99 & 100 n8, 106 & 108 n10, 114 & n2

Correspondence Project

Index

[More Information](#)

716

Index

Coghlan, John: eightlegged horse exhibit 230–31 & 231 nn 2–5; sent information in response to *Variation* 230 & 231 n1

Cohn, Ferdinand Julius: bacteria 332 n5; CD comments on achenes 226 & n2, n3; CD discussed carbonate of ammonia and *Euphorbia* 303 n14; CD on FD's *Dipsacus* work 5 & 6 n3, n4; CD forwards letter to FD 226 & n2; CD on R. Koch's work 5 & 5–6 n2; CD thanks for letter which he will forward to FD 225–6 & 226 nn 1–3; A. Dodel-Port's botanical atlas 233 & 235 n5, 519 & n5

Colaënis julia (*Dryas iulia*; Julia longwing) 69 & 70 n4, n5

Colbourne, Louis 230 & 231 n2

Colchicum autumnale (autumn crocus) 199 & n4

Coleridge, John Duke, 1st Baron Coleridge 204 & 205 n4

Colocasia esculenta see *Caladium esculentum*

colonization: CD comments on xxiii, 437; G.A. Gaskell on 442–3 & 444 n5

colour in plants 129–30 & 131 n6, n7

colour-sense 130 & 131 n8

colouring: animal and vegetable colouring matter 72 & n2

Columbia livia (rock pigeon; blue pigeon) 393 n9

Columbus, Christopher 323 & 324 n4

Combretum acuminatum 189 & 193 n8

Commelina benghalensis (Benghal dayflower) 499, 499 & n1

common bladderwort (*Utricularia vulgaris*) 352 & 353 n5

common bog-bean (*Menyanthes trifoliata*) 334 & 336 n2

common centaury (*Erythraea centaurium*; *Centaurium erythraea*) 334 & 336 n1, n3, 335 & 336 n7, 341 n2

common descent (of species): CD acknowledged J.-B. de Lamarck and J.W. von Goethe as advocates of 316 n5; J.F. Fisher 348 n4; H. Potonié 165 n2, 166 n2, 514 n2

common European goose (domestic variety of wild greylag goose; *Anser anser*) 359–60 & 360 n1, n2, 364 n2, n3, 366–7 n2, 374 n1, n2, 376 n2, n3

common groundsel (*Senecio vulgaris*) 26 & 27 n5

common hazel (*Corylus avellana*) 55 n2

common honeysuckle (*Lonicera periclymenum*) 247 & 248 n2, 263 & n4

common lambsquarters (*Chenopodium album*) 415 & n7, 418 n3

common moth-vine see *Araujia sericifera*

common onion (*Allium cepa*) 65 & n4

common pea (*Pisum sativum*) 238 & 239 n5, 262 n11

common pin mould (*Phycomyces nitens*) 188 n3

common sundew see *Drosera rotundifolia*

common teasel see *Dipsacus sylvestris*

common toothwort (*Lathraea squamaria*) 137 & n3, 138 n5

common vetch (*Vicia sativa*) 378 & 379 n6

compass plant (*Lactuca serriola*; prickly lettuce) 331 & 332 n6

Compositae (Asteraceae): achenes 226 & n3

composite photographs (portraits) 213 & 215 nn 2–5, 214

conifers 406 & 407 n4

Conil, P. Augusto 540

conspicuous circumnutation 301

conspicuous flowers 127, 220 n2

Consul fabius see *Anaea fabius*

contraception (birth-control) xxiii, 265 & n1, 437 & 438 n4

Conurus guianensis (*Psittacara leucophthalmus*; white-eyed parakeet) xxi, 414 & n1

convergence of character 395 n3

Convolvulus arvensis (field bindweed) 274 & 275 n5

Conway, Moncure Daniel: asks CD to be a vice-president of Association of Liberal Thinkers 438–9 & 439 nn 1–5, 440 n6

Coofyunganjiz 163 n2

Cook, Joseph: A. Gray's review of Cook's lectures on biology 22 & 23 n4, 42 & 42–3 n2

Cooke, Robert Francis: *Cross and self fertilisation* 2d ed., asks CD how many copies to print 77–8 & 78 n1; *Descent* 454 & 455 n2; *Forms of flowers*, awaiting CD's corrections 78 & n2; *Journal of researches* 454 & 455 n2; *Origin* 6th ed., sales 78 & n3; sends report of books sales and titles for reprint 454 & n1, 455 n2

Cooper, James Davis: CD discusses diagrams and use of photographs 483 & n2; engraved diagrams for CD 481 n1; photographs 481; sends proof of subject CD left him 481 & n1

Cooshaipunjiz (Jimmy FitzRoy Button) 163 n2, 166 & n1, 185 n1

copyright law 401 n4

coral reefs: Red Sea 101 & n4; Triassic period xxii

Coral reefs 2d ed. (CD): Farquhar Islands (Juan de Nova) 351 & 352 n1; Red Sea coral reefs 101 n4

Coral reefs 2d ed. French ed. (CD): L. Cosserrat translated 271–2 & 272 n2

corn see *Zea mays*

Cornhill, London property (A. Rich's) 475–6 & 476 nn 1–6, 478 & n2, 479 & n3, 482 & 483 n6, 493 n2, 496 n1, n3

corolla: reduction in size 336 n9

correlated variation cases 366 n2

Correspondence Project

Index

[More Information](#)

Index

717

- Corylus avellana* (common hazel) 55 n2
 Cosmoledo 351 & 352 n1
 Cosserrat, Louis: *Coral reefs* 2d ed. French ed. translated 271–2 & 272 n2
 cotton (*Gossypium*) 284 & 285 n5, 289 & 290 n10, 308 & 310 n7, 328 & 329 n6
 cotton mouse (*Hesperomys cognatus*; *Peromyscus gossypinus*) 350 n2
 cotton-plant 276
Cotyledon orbicularis 31 & 35 n11
Cotyledon orbiculata (pig's ear) 35 n11
Cotyledon pulverulenta (*Dudleya pulverulenta*; chalk dudleya) 30–31 & 35 n11
 cotyledons: asks FD to compare pulvini of species with great cotyledon movement and *Oxalis corniculata* 350 & 351 n3; *Avena* 10 n2; Cactaceae xvii, 207 n4; *Cassia* 252 & n9; CD began work on 403 n2; CD and FD work on 52 n3, 225 & n5; CD works on xviii, 239 & n3, n4; glass tubes 378 & n2; grasses 267 n9; growth patterns studied xvii; *Lotus jacobaeus* 380 & n10; *Mimosa pudica* 140 n3; oats 266–7 & 267 n9; *Oxalis* 242 & n3, 252 & n8, 401 & 402 n3; *Oxalis corniculata* 242 & n3, 252 & n9; *Oxalis floribunda* 239 & n4, 242 & n3, 252 & n9; *Oxalis rosea* 239 & 239–40 n4, 242 & n3, 252 & n9; *Oxalis valdiviana* 239 & n4, 242 & n3, 252 & n9, 402 n3; *Phalaris* 10 n2; sensitivity to light 412 n3; terminology 55 n2, 65 & n4, *see also* pulvini
Couleria pertinata 309 & 310 n9
Couleria tinctoria *see* *Caesalpinia pectinata*
 Coutance, Amédée 409 & n3, 528 & 529 n3
 Cowie, Benjamin Morgan 462
 Cowper, Francis Thomas de Grey, 7th earl Cowper 204 & 205 n4
 cowslip (*Primula veris*) 2 & n1, 178 & 179 n2
 crayfishes 229 & 230 n4
 creeping buttercup (*Ranunculus repens*) 218–19 & 219 n1, n2, 293 & n3
 creeping thistle (*Carduus arvensis*; *Cirsium arvense*) 26 & 27 n2, n3
 creeping wood sorrel *see* *Oxalis corniculata*
 Creighton, Charles 77 n1
 Creole cotton (*Gossypium brasiliense*; *G. maritimum*; *G. barbadense*) 285 n5
 Creswell Crags engraved bones 81 & 82 n6
 crimson wood sorrel (*Oxalis incarnata*; pale pink-sorrel) 243 n8
 Crocq, Jean: Royal Society of Medical and Natural Sciences of Brussels awards CD honorary membership 354 & n2, 527 & n2, 539
 Croll, James 404 & 405 n5
 Crookes, William 441 & 442 n1
 cross-breeding: Chinese and common European geese 359–60 & 360 nn 1–4, 363–4 & 364 n2, n3, 366 & n2, 367 n3, 374 & n1, n2, 376 & n2, n4
 cross-fertilisation 92 & 93 n4
Cross and self fertilisation (CD): W.J. Beal's review 209 & n1; L.A. Errera and G. Gevaert, summary of 338 n2; T. Meehan's review 43 n7; published 363 & n3; *Salvia*, major study of 235 n6, 520 n6; *Salvia sclarea* 241 n4, 521 n4; seed and capsules weight measurements 487 & 488 n3; sterility in plants 132 n2; vigour of crossed plants 75 & 76 n5, 93 n3
Cross and self fertilisation 2d ed. (CD): numbers to print and stereotyping of 77–8 & 78 n1; published 388 n2
Cross and self fertilisation French ed. (CD): É. Heckel translated 349 n1, 409 & n4, 529 & n4
Cross and self fertilisation US ed. (CD): sales 202
 crossed plants: vigour of xxv, 76 n5, 92 & 93 n4, 106–7 & 108 n12
 crossvine *see* *Bignonia capreolata*
 cruel plant *see* *Aravjia sericifera*
 'Cruffle' potato 127 & 128 n3, 257, 259 n3
 crustaceans 167 & 168 n6, 514 & 515 n6
 cuckoo flower (lady's smock; *Cardamine pratensis*) 178 & 179 n4
Cucurbita pepo (field pumpkin) 353–4 n3
 Cupples, Anne Jane 218 & n9
 Cupples, George: deerhounds 216–18 & 218 nn 1–8; refers to CD's works 217 & 218 nn 2–4, n7
 Currie, John Lang 8 & n2
 Curtius, Ernst 541
 cushion-pink (*Silene acaulis*; moss campion) 335 & 336 n4, n6
 Cuvier, Georges 339 & 340 n3, 349 n7, 524 & 525 n3
 cycads 406 & 407 n4
Cycas: CD asks W.T. Thiselton-Dyer for observed plant's identity 223 & 225 n2; CD reports trying to germinate 199 & n6; planted 88 & n2; seedlings requested 184 & 185 n4; seeds received 84 & n7, 88 n2
Cycas pectinata: *Movement in plants* 84 n7; seedlings sent to CD 185 n4
 cyclamen: CD will use W.T. Thiselton-Dyer and G. Benthams's information in new edition of *Forms of flowers* 39 & 40 n3
Cyclamen 154 n3
Cyclamen europaeum (*C. purpurascens*) 30 & 35 n2, 36 n21
Cyclamen persicum (florist's cyclamen): CD's observations 65 & n5, 154 & n3; W.T. Thiselton-Dyer 30 & 35 n3

Correspondence Project

Index

[More Information](#)

718

Index

Cygnopsis 376 n3*Cytisus adamii* (+*Laburnocytisus adamii*) 366 & n3*Cytisus laburnum* (*Laburnum anagyroides*) 366 n3*Cytisus purpureus* 366 n3

Czech, Karl 379 n6

Dabney, Virginius: CD discusses supposed hybrid tomato 413 & 414 nn 1–4

daisies 353 & n2

Daktulosphaira vitifoliae (phylloxera) 76 & n7, 84 & n5, 92 & 93 n2, 106 & 108 n8Dallas, William Sweetland: translated F. Müller's *Für Darwin* 400 n2, n3

Dallinger, William Henry: CD comments on Dallinger's work 265 & 266 n1; sends paper and discusses his septic organisms work 260 & nn 1–3, 261 n4

Dalton, Edward Tuite 9 & 9–10 n3

Dalziel, Hugh: dew-claws in dogs 19–20 & 20 nn 1–3

Dama dama (fallow deer) 369 & 370 n4

Dana, James Dwight: A. Gray's review of J. Cook's lectures on biology 42 & 42–3 n2

daphnoids 236 & n2, 236 & 237 n1; sexual selection 237 n1

D'Arcy, Mary Catherine Georgiana 266 & 267 n4

Darling, William 94 & 95 n5

Darwin, Amy: death of 276 n6

Darwin, Bernard: CD compares B. Darwin's intellectual ability to monkey's (eyeglass case) xvii, 365 & n8, 372 n4; CD mentions 186 & 187 n7, 447 & 448 n7; CD sends news of to FD 239 & 240 n7, 248 & n4, 266 & 267 n4, 276 & n6, 289 & 290 n7, 302 & 303 n15, 330 & n8, 380 & n12; FD comments on news of from CD 378 & n10; FD sends news of to CD 88 & n8, 193–4 & 194 n10, 446 & 447 n5, 448 & 449 n7, 450 & n8; and FD visit (with Darwins) at Leith Hill 358 n5; language development 238 & n3, 248, 302 & 303 n15, 330 & n8; lives with Darwins 1 n2, 276 n2; nickname Ubbadubba 447 n5; photograph: *frontispiece*; visits Wales with FD 199 n7Darwin, Caroline Sarah *see* Wedgwood, Caroline SarahDarwin, Charles Robert: *Beagle* voyage 423 n6; birthday (aged 69 on 12 February 1878) 38 n3, 47 n2, 49 n4, 50 n2, 506 n2, 508 n4; Cambridge University student 54 n2; children 474 & 475 n2, 479–80, 490 n2, 497 & n4; children's illnesses 232 & n3; Christmas 1877 family party 51 & 52 n3; comments on marriage 258; death of 497 n4; W.D. Fox comments onCD's handwriting 313; Galápagos Islands 159 & n1; on religious belief 103 n1, 112 & n2, 455, 458; school 50 n7; sense of humour 451, *see also* OPPONENTS OF CD'S THEORIES; PUBLICATIONS (CD); READING (CD); SCIENTIFIC VIEWS (CD); SCIENTIFIC WORK (CD); SUPPORT FOR CD'S THEORIESAWARDS AND POSITIONS: Downe Coal and Clothing Club, treasurer (1848–69) 473 n1; Franklin Literary Society, honorary member 134–5 & 135 n1, n2; Institución Libre de Enseñanza, honorary professor 16–17 & 17 n2, 345 n2, 457 n2, 503 & n2, 527 n2, 531 n2, *see also* Cambridge University awarded CD honorary degree

DIPLOMAS 536–42; Académie des sciences, corresponding member of botanical section 333 & n3, 334, 337 n1, 339 & 340 n2, 342 n2, 345 n4, 349 n1, 352 n2, 353 & n2, 355 n2, 523 & n3, 523, 524 & 525 n2, 538 & n1, 539 n2; Medicinisch-Naturwissenschaftliche Gesellschaft zu Jena, honorary member 24 & n1, 536–7; National Academy of Sciences (Argentina; Academia Nacional de Ciencias), honorary member 539–40; Royal Literary and Scientific Academy of Bavaria, foreign member 322 & n3, 324 & n1, 522 & n3, 537 & 538 n1; Royal Prussian Academy of Sciences, foreign associate 426–7 & 427 n1, 540–41; Royal Society of Medical and Natural Sciences of Brussels, honorary member 354 & n2, 527 & n2, 539; Silesian Society for National Culture (Schlesische Gesellschaft für vaterländische Cultur), honorary member 541–2

FINANCES: R.A. Blair, CD offers to pay for goose wings 161; Borneo caves expedition subscription 28 & 29 n1; Boston and Albany Railway, payment from 307 n1; Castle Morton tithes 44 & n1; CD regards himself a rich man xxvi, 474; CD's heirs inherited A. Rich's bequest to CD 496 n3, 497 n4; G.H. Darwin, CD offers financial help with proposed lunar gravity instrument 428 & n3; Downe Coal and Clothing Club 473 & n1; FD, payment to 194 & n12; E.A. Greaves, payment to for Erasmus Darwin's portrait 6 & 7 n4, 255 n1; J.J. Griffin & Sons, payment to 266 & 267 n3; Knockholt & Chevening Footpath Fund 221 & 222 n4; W.C. Marshall, payment for Down House extension 399 n3; Morris furniture, payment for 307 n2; F. Müller, payment to 400 n2; J. Murray, presentation copies 400 n2; Pennsylvania Central

Correspondence Project

Index

[More Information](#)

Index

719

- Railway, payment from 307 n1; Royal Society publications fund 264 & n1, 268 & n1, 271 & n2; South American Missionary Society, donation to (1867) 163 n4; B.J. Sullivan, subscription payment for Jimmy FitzRoy Button's education 166 & n1, 185 & 186 n2; J. Torbitt, CD pledges financial contribution 90, 93 & 94 n5, 97 & 98 n5, 99 & n5; J. Torbitt, CD's financial contribution xxv, 102 & 103 n6, 106 & 107 n5, 132 n1, 133 n3, 136 & n2, 136 & 137 n3, 140 & 141 n7, 149–50 & 150 n1, n2, 258 n1, 481 n3; Union Bank 202 n1; US investments 307 & n1; US publications, D. Appleton & Co. 200–202 & 202 n1; view on purchasing instruments 266 & 267 n7; Western Railroad of Massachusetts, shares bought (1852) 307 n1; will, bequest to CD's daughters 490 & n2, 492 & 493 n3, 495 n1; will, codicils for 131 & n1, 143–4, 479 n3, 492 & 493 n4, 495 & n1; will, implications for due to A. Rich's bequest 474, 479 & n3, 480 & n3, 490 & n2, 492 & 493 n2, n3
- HEALTH:** always doubtful 419; asks for bad hand-writing to be excused as he is not well 364; away from home for three weeks rest for health reasons 338 & n3, 362 n3; better of late 52; better than a few years ago, but with discomfort and fatigue 258; better than usual 259; A. Clark, consulted while in London xxvi, 96 n2, 97 & 98 n8; A. Clark, put CD on dry diet 97 & 98 n8; complete rest required after rather too hard work 174; constant attacks of swimming of the head 97 & 98 n8; daily discomfort 365; dog-tired 154; health has failed and CD forced to rest 96 & n2; J.D. Hooker comments on CD looking well when Hooker visited Down 93 & n1; little strength 487; lives a most retired life on account of health 237; in London (Litchfields) on account of giddiness xxvi, 63 n2, 78 n2, 89 n1, 534 & 535 n10; in London (Litchfields) for change as has had bad time for fortnight 78 & n2; in London (Litchfields) for change and rest as poorly 79 & n2, 84 & n6; in London (Litchfields) for reasons of poor health 99 n1, 100 n1; in London for rest 446 & n4, 455 & n4; moderately well, but always feel half-dead 388; much out of health 112; not good 125; not much to boast of 113 & n2; not well 311, 350; out of health 343; partial recovery 256; poor health 93 n1; S.B.J. Skertchly sorry that CD in feeble health 101; somewhat better 89; state of health does not allow CD to converse with anyone for a long time 269; suffering from overwork (L. Darwin reported to G.H. Darwin) 63 n2; tired 358; too unwell to call on T.H. Farrer in London 85; unusually well of late 166; visiting E.A. Darwin for rest after working rather too hard 22 & 24 n7; wants rest 305 & 306 n11; weak health 48
- OPponents of CD's THEORIES** *see* **OPponents of CD's THEORIES**
- PUBLICATIONS** *see* **PUBLICATIONS (CD)**
- READING** *see* **READING (CD)**
- SCIENTIFIC VIEWS** *see* **SCIENTIFIC VIEWS (CD)**
- SCIENTIFIC WORK** *see* **SCIENTIFIC WORK (CD)**
- SUPPORT FOR CD's THEORIES** *see* **SUPPORT FOR CD's THEORIES**
- TRIPS AND VISITS:** August 7–22 visits to Leith Hill; Abinger and Barlaston xxvi, 303 & 304 n2, 305 & 306 n11, 324 & 325 n3, 324 n3, 332 n9, 336 & n3, 337 & 338 n1, 338 & n3, 339 & n2, 341 n4, 343 & n3, 344 & n6, 345 n3, 351 n5, 352 n3, 362 n3, 401 n2, 534 & 535 n22; E.A. Darwin (London; 17–23 Jan) 8 & 9 n2, 17 & n1, 21 n2, 22 n1, 22 & 24 n7, 533 & 534 n2; W.E. and S. Darwin (Bassett, Southampton; 27 Apr–13 May) xxvi, 155 & n3, 158 n3, 170 & n2, 174 & 175 n2, 180 n2, 185 n1, 186 & 187 n6, 187 n1, 194 n9, 534 & 535 n14; T.H. Farrer (Abinger; 1875) 180 n6; T.H. and K.E. Farrer (Abinger; 12–15 Aug) xxvi, 338 n3, 343 n3, 344 n6, 351 n5, 365 n7, 401–2 n2, 534 & 535 n22; Kew 18 n2, 22 n1, 22 & 24 n7, 23 & 24 n13, 30 & 35 n1, 188 & n5, 188 n5, 327 n7; H.E. and R.B. Litchfield (London; 27 Feb–5 Mar) 63 n2, 78 & n2, 79 & n2, 84 & n6, 88 n7, 89 n1, 96 n2, 98 n2, 100 n1, 113 n2, 534 & 535 n10; H.E. and R.B. Litchfield (London; 19–27 Nov) 419 & n4, 440 & 441 n1, 444 & n1, 445 n4, 446 & n4, 447 n7, 450 n1, 453 n4, 455 & n4, 464 n3; Osmaston Hall (1828) 53 & 54 n2; visits to family xxvi; C.S. Wedgwood (Leith Hill; 7–12 Aug) 332 n9, 338 n3, 341 n4, 343 n3, 358 n5, 401–2 n2, 534 & 535 n22; F. Wedgwood (Barlaston; Aug) 338 n3, 344 n6, 358 n1, 358 n1, 363 n1, 365 n6, 534 & 535 n22; J. Wedgwood III (Leith Hill 7–12 Aug) 534 & 535 n22
- Darwin, Charles Waring: death of 232 n3
- Darwin, Elizabeth (1747–1832) 253 & 255 n7
- Darwin, Elizabeth (1847–1926): CD's daughter 475 n2; CD's will 490 & n2; FD sends thanks (via CD) for her letter and will write 285; Knockholt Footpath Fund 221 & 222 n2, n4, 222 & n2; translated A. Dodel-Port's letter 238 & n3; visits H.E. Litchfield 266 & 267 n4; writes to FD 194 & n11

Correspondence Project

Index

[More Information](#)

720

Index

Darwin, Emma: as amanuensis for CD 474 n3; attended concert in London 445 & n4; Down House well 489 n2; FD tells (via CD) that he will write 285; E.S. Fox sends greetings 313 & 314 n9; E. Harrison writes to 1 & n2, n3; health when nursing babies 225; interested in news of Marian Huxley 344; W. Nash's book read aloud 220; W.E. and S. Darwin send love to 482; scarlet fever 232 & 232–3 n3; C.G. Semper sends greetings to 405; sends sympathy to W.D. and E.S. Fox on the death of their daughter 281; J. Simon sends greetings 77; B.J. Sullivan sends greetings 162, 185, 422; taking CD on holiday visiting family 305 & 306 n11; A.R. Wallace sends greetings 386; writes to FD 194; writes to T.W. Higginson 206 & n2

Darwin, Erasmus: daughter 7 n3; family history 253, 255 & nn 2–12, 256 nn 13–17; E.F. Lubbock's article mentions 303 n4; *A plan for the conduct of female education in boarding schools* 255 & n11; portrait, by J. Wright 6 & 7 n1, n3, 253 & 255 n1, 254; portrait, in National Portrait Gallery 253; views of his character 255 & 256 n15

Darwin, Erasmus Alvey: T. Carlyle and forged letter 22 & 23–4 n5; CD tells of A. Rich's bequest 478 & nn 1–5, 479 & n5, 484 n3; G.H. Darwin stays with 283 n3; Darwins visit 8 & 9 n2, 17 & n1, 21 n2, 22 n1, 22 & 24 n7, 533 & 534 n2; FD stays with 379 n8; health 263 & 264 n3, 282 & 283 n3, 378 & 379 n8; hosted séance (1874) 442 n1; Queen Anne Street, London home 534 n2; Rich's bequest to CD 482 & n2, n3; sends tithes for CD and G.H. Darwin 44 & n1; Sunday Evenings for the People 275 n9

Darwin, Francis: CD sends an item just received that he thinks FD would like to read 1 & n2; CD sends a letter from G.H. Darwin 357 & 358 n4; CD's secretary and assistant 389 n3, 474 & 475 n2, 483 n2; CD's son 490 n2; B. Darwin, CD sends news of to FD 239 & 240 n7, 248 & n4, 266 & 267 n4, 276 & n6, 289 & 290 n7, 302 & 303 n15, 330 & n8, 380 & n12; B. Darwin, FD sends news of to CD 88 & n8, 193–4 & 194 n10, 446 & 447 n5, 448 & 449 n7, 450 & n8; B. Darwin, language development 238 & n3; and G.H. Darwin suggest inviting A. Newton to Down 483 & 484 n1; and B. Darwin visit (with Darwins) at Leith Hill 358 n5; Elizabeth Darwin writes to 194 & n11; Emma Darwin writes to 194; finance 194 & n12; health 315, 324 & 325 n2; F. Müller sends greetings to 153 & 154 n10; Müller's letters to CD later sent to A. Möller by FD 312 n1, 521–2 n1; news from

Down 88 & nn 2–10; plans return from Germany 309, 321 n3; plans to be at Leith Hill 331 & 332 n9; played bassoon xix, 464 n2; returned to Down from Germany 332 n9; J.I. Rogers writes to 139 & 140 nn 1–4, 147–8 & 148 n1, n2, 228–9 & 229 n1, n2; G.J. Romanes (Physicus), *A candid examination of theism* 465 n3; C.G. Semper, CD would like FD to call on 261 & 262 n10; Semper, FD asks CD if he should call on 261 & 262 n10; Semper sends greetings to 405 & n2; sends thanks to Elizabeth Darwin for her letter 285; stayed with E.A. Darwin 379 n8; A. Stecker writes to 115 & n1, n2; typewriter, discusses as gift to C.G. Semper 292 & n2, n3, 309 & 310 n11; typewriter, reminds CD about 298 & 299 n10; typewriter, requests address of typewriter manufacturer from CD for Semper 285 & n8, 292 & n3; typewriter, use of 289; visits Cambridge 193 & 194 n8, 220 & 221 n4; visits late wife Amy's family in Wales 187 n3, 193 & 194 n8, 195 n2, 199 n7

Darwin, Francis (letters written on CD's behalf): A. Stecker 125 & n1; unknown correspondent 365–6 & 366 n2, n3

Darwin, Francis (scientific work): *Amanita agaricus* 6 n4; 'The analogies of plant and animal life' (lecture) 88 & n10, 139 & 140 n1, 193 & 194 n6, 271 n4; 'The analogies of plant and animal life' (lecture, French translation) 193 & 194 n6; bloom, work published 16 n2, 316 n8; bloom, works with CD on 16 n2, 23 & 24 n9, 88 n5, 289 n6; CD asks FD for *Oxalis carnosus* observations while at Kew 381 & 383 n2, 382, 383; CD asks him to ask J. Sachs about mould and light 320; CD asks him to ask Sachs about roots and heliotropism 306 & 307 n5, 316 n2, 320, 330 n3; CD asks him to check terminology query with Sachs 289 & n5; CD asks him to observe pulvini 350 & 351 n3; CD asks him to read T. Ciesielski's radicles article 239 & n2, 246 n3, 252 n4; CD asks him to read H. de Vries on epinasty 381 & 383 n4; CD asks him to read J. Wiesner on heliotropism 301 & 302 n5; CD asks for Sachs's paper 186 & n4; CD comments on FD's *Drosera rotundifolia* paper 186 & n2; CD comments on their (CD's and FD's) hard work 12 & 13 n4; CD comments on work required on CD's return to Down 350; CD comments on work without FD xix, 195, 225 & n5, 276; CD forwards E.J. Cohn's letter 226 & n2; CD gives instructions for tendrils experiments 350 & 351 n4; CD has plant observation requests for FD at Kew 381 & 383 nn 2–5, 382, 383;

Correspondence Project

Index

[More Information](#)

Index

721

CD has tasks for FD while CD away 445 & nn 2–6, 447 & nn 1–4; CD hopes FD can be at Down for experimental work 194–5 & 195 n2, n3; CD on instruments 266 & 267 n7; CD invites Sachs to Down 321, 329 & 330 n3, 331 & 332 n8; CD on maize radicles 273 & 274 n4; CD on movement in plants 379–80 & 380 nn 7–10; CD offers to send twisted stems of plants 247–8 & 248 n2; CD received *Portheria hygrometrica* 273 & 274 n2; CD reports FD works on plant physiology 7 & n2, 242 & n4; CD reports on movement of leaves and cotyledons 239 & n3; CD requests *Impatiens noli-me-tangere* seeds be sown 445 & n3; CD requests *Oxalis* seeds be sown 350 & n2; CD requests *Trifolium resupinatum* seeds be sown 357 & 358 n2; CD requests *Trifolium strictum* observations 445 & n2, 449 n5; CD sends *Nature* issues 248 & n2, 276 & n5, 289 & 290 n8, 292 & 293 n3; CD speculates on generalised view of movement in plants 306; CD on stomata 379 & 380 nn 2–6; CD suggests experiments 262, 266–7 & 267 n6, n9, 275 n4, n7, 276 & n7, 324 & 325 n4; CD suggests investigating aggregation of roots from carbonate of ammonia 301 & 303 n14; CD on *Thalia dealbata* 288 & 289 n4, 301 & 302 n6; CD thanks for all FD has done for CD and asks him to keep notes 288; CD thinks *Oxalis* cotyledons a promising field of study 252 & n8; CD will send M. Micheli's article 292 & 293 n2; CD will send twisted stems 262, 263 & n4; CD writes to FD about work while FD at Sachs's laboratory xix, 226 & nn 2, 3, 239 & nn 2–4, 240 n5, n6, 247–8 & 248 n2, 250, 252 & nn 2–9, 262–3 & 263 nn 2–4, 266–7 & 267 nn 2–9, 268 n10, 300–302 & 302 nn 2–12, 303 n13, n14, 306 & 307 n4, n6, 320–21 & 321 nn 2–10, 322 nn 11–13, 324–5 & 325 nn 2–7, 329 & 330 nn 2–6; cotyledons, works with CD on 52 n3, 225 & n5; G.H. Darwin sent W.S. Jevons's article 193 & 194 n7; declines R. Meldola's invitation to give lecture 487 & n3; *Eucharis* 448 & 449 n3; geotropism 297 & 298 n5; *Gossypium* 328 & 329 n6; on growth in pulvinus (joint) 261 & 262 n4; heliotropism (with CD) 12 & 13 n4, 22 & 24 n8; J.D. Hooker, FD supplies CD's and his publication details to 404 & 405 n7; Hooker's Royal Society presidential address mentions FD's work 403 n6, 486 n5; *Hydrocharis* 245 & 246 n8; A. Kerner von Marilaun, *Flowers and their unbidden guests* 456 & n3; klinostat xix, 297 & 298 n6; *Lathraea squamaria* 137 & 138 n5; Leguminosae 290 n10, 309 & 310 n9, 320 &

321 n4; likes hearing about CD's work 298 & n9; R.I. Lynch assisted at Kew 378 & 379 n3; *Marchantia* 261 & 262 n6; R. Meldola asks CD to ask if FD would give a biological lecture 477 & n5, 487 n3; Meldola tells CD he wishes to propose FD for membership of Entomological Society 4 & n6, 7 n2; M. Micheli refers to 292 & 293 n2; *Movement in plants* (CD with FD) 52 n3, 54 n6, 229 n1, 388 n2, 445; plant physiology, works on with CD 395 & n2; publications list 363 & n2, n3, 404 & 405 n7, 407 & n6; radicles, assisting CD 188 & n4, 225 & n5; radicles, discarded notes on failed experiments 186, 193 & 194 n3; read T. Ciesielski and reports Sachs's views on Ciesielski's observations 244–5 & 246 n3, n4; reports on books received while CD away 449 & 450 nn 3–5; reports on work at Kew 378 & n2, 379 nn 3–9; research interests shared with C. de Candolle 343 n8, 526 n8; Sachs's laboratory, FD may return to work there in 1879: 327–8; seakale 88 & n5; secondary roots development 261 & 262 n9; 'Self-defence among plants' (lecture) 445 & n6, 449 & 450 n3; sends T. Ciesielski's publication 274 & 275 n5, 276 n7; sends glass tubes to CD 378 & n2, 380 n13; sends Sachs's paper 194 & n13; sends O. Schmidt's article to CD 446 & 447 n6; *Stipa pennata* 178 & 179 n5, 180 n3; suggests G.J. Romanes keeps an idiot, a deaf-mute, a monkey and a baby xxi, 375 & n5, 377 n3; Sunday Lecture Society 274 & 275 n9; E. Tangl sent pamphlet 248 & n5; thanks CD for twisted stems 274 & 275 n6; thermograph 88 & n6; visited Kew 188 & n4; visited C.G. Semper at his laboratory 309 & 310 n11; on J. Wiesner 308 & 310 n5; worked at Sachs's laboratory in Würzburg, Germany xvii, xix, 119 n2, 225 & 226 n1, 239 n2, 242 & n4, 246 n2, 249 n4, 289 n5, 302 n5, 307 n5, 328 n2, 358 n5, 405 n2, 416 n3, 448 n5, 530 n3, 534; writes to CD about work while at Sachs's laboratory xix, 244–6 & 246 nn 2–8, 247 nn 9–11, 261 & 262 nn 2–10, 274–5 & 275 nn 2–8, 277–8 & 278 nn 2–4, 279 n5, n6, 284–5 & 285 nn 2–8, 295, 297–8 & 298 nn 2–9, 307–9 & 310 nn 2–13, 311 n14, n15, 314–15 & 316 nn 1–8, 317 n9, n10, 327–8 & 328 n2, 329 nn 3–9, 330–31 & 331 n2, 332 nn 3–8; writes to A.S. Wilson acknowledging arrival of *Aegilops ovata* and pamphlets 98 & 99 n1, n2, see also bloom on plants (FD); chlorophyll (FD); climbing plants (FD); *Dipsacus sylvestris* (FD); *Drosera rotundifolia* (FD); movement in plants (FD); oats (FD); pulvini (FD); roots (FD); sleep

Correspondence Project

Index

[More Information](#)

722

Index

- in plants (FD); stomata (FD); twiners and tendrils (FD); woody stems (FD)
- Darwin, Francis Sacheverel 213 & 215 n5, 255 & 256 n13
- Darwin, George Howard: asks CD's advice about responding to S. Haughton's paper on geological time xxiv, 27 & n1, 28 n2, 173 n1; attended séance 442 n1; Castle Morton trust share 44 n1; CD advises on responding to S. Haughton's paper xxiv, 41 & n2; CD comments on G.H. Darwin's work 358 & 359 n3, 416 & nn 2–6, 428 & n2; CD comments to W.D. Fox on G.H. Darwin's character 54; CD on deaf-mutism 183 & 184 n1; CD on C.H. Lagrange's similar work 283 & n2; CD offers financial help with proposed lunar gravity instrument 428 & n3; CD on Royal Society fellowship election (G.H. Darwin's candidacy) 183 & 184 n2; CD sends J. Carret's paper 420 & 421 n2; CD sends G.H. Darwin's letter to FD 357 & 358 n4; CD sends note to forward to Mr Paul 358 & 359 n2; CD's codicil to will returned to W.M. Hacon 493 n4; CD's son 490 n2; E.A. Darwin's health 263 & 264 n3; drawings for CD's botanical research 280 n2; and FD suggest inviting A. Newton to Down 483–4 & 484 n1; health 41 & n4, 54 & n5, 263, 474 & 475 n2; helped with illustrations for *Movement in plants* 276 n3; J.D. Hooker supports G.H. Darwin's Royal Society candidacy 183 & n6; on C.H. Lagrange's work 263 & n2, 282 & 283 n2; maize radicles sketches 276 & n3; on mathematical work (and 'axles') 424 & 426 n8; met G.J. Romanes 361 & 362 n3; obliquity of the ecliptic 424 & 426 n4; 'On the bodily tides of viscous and semi-elastic spheroids, and on the ocean tides upon a yielding nucleus', 293 n3, 425–6 n1 426 n5, 428 n2; 'On the bodily tides of viscous and semi-elastic spheroids, and on the ocean tides upon a yielding nucleus', W. Thomson's report on 424–5 & 425–6 n1, 428 n2; 'On the precession of a viscous spheroid' (BAAS; preliminary results) 263 & 263–4 n2, 359 n3, 362 n3, 416 n3; 'On the precession of a viscous spheroid, and on the history of a remote earth' (Royal Society; detailed paper) 283 n6, 286 & 287 n3, 359 n3, 417 n4, 426 n4; 'On Professor Haughton's estimate of geological time' 28 n2; papers modelling composition of earth and effects of gravitational forces over time, 421 n2, 425–6 n1; parents of deaf children 183 & nn 2–4; A. Rich's bequest to CD 478 & n3, 479 & n5, 484 & n3; E.J. Routh's view of his work 358 & n4; Royal Society candidacy 183 & n5, n6, 184 n2; Royal Society fellowship 183 n5, 416 & 417 n6; sea-tidal observations 424 & 525 n5; sends W. Thomson's report on G.H. Darwin's tides of spheroids paper to CD 424–5 & 425–6 n1, 428 n2; sensitivity to light 410–411 & 411 n1, 412 nn 2–4; sent W.S. Jevons's article to FD 193 & 194 n7; stays with E.A. Darwin 283 n3; *Thalia dealbata*, CD comments on 283 & n3, 290 & n3, n4; *Thalia dealbata*, CD comments on drawings of 288 & n2, n3, 290 & n2; *Thalia dealbata*, CD requests drawings of 279–80 & 280 n2, 283 n3; *Thalia dealbata*, drawings of 286 & 287 n1, 286, 287; W. Thomson suggests Down as possible location for instrument to measure lunar gravity 424 & 426 n2, 428 n3; Trinity College, Cambridge 494 n4; visited A. Rich 498 n2; visits Algiers 27 n1, 54 & n5
- Darwin, Horace: Cambridge University student 398 n2, 463 n3; CD's son 490 n2; Down House well 488 & 489 n2; and D.S. Galton 248 & 249 n5; health 474 & 475 n2; klinostat xix, 298 n6; and W.C. Marshall 398 n2; nicknames, Jimmy; Jimmy 88 n6; *Portiera hygrometrica* experiment suggested 289 & 290 n9; A. Rich's bequest to CD 478 & n3, 484 n3; typewriter 290 n11; visits FD at E.A. Darwin's home 378 & 379 n8
- Darwin, Leonard: career 474 & 475 n2; CD suffering from overwork 63 n2; CD's son 490 n2; FD uses L. Darwin's measurement 'dodge' 308 & 310 n3; lamp black analysis 11 & n1; nickname Pouter 308 n3; scarlet fever 232 & n3; sends two photographs to CD 169 & 170 n1
- Darwin, Reginald 213
- Darwin, Robert (1682–1754) 213 & 215 n5
- Darwin, Robert Waring: W.D. Fox reminisces about 313 & n3; portrait 313 & n3; Shrewsbury home 313 & n3
- Darwin, Sara (*née* Sedgwick): Bassett, Southampton home 77 n2, 313 & n8, 535 n14; CD sends love to 479 & n4; CD thanks for note and hopes to visit 89 & n4; and W.E. Darwin, marriage 23 & 24 n10, 43 n6, 52 n4, 54 & n7, 89 n4; Darwins visit xxvi, 170 n2, 180 n2, 186 & 187 n6, 194 n9, 534 & 535 n14; sends love to Darwins 482 & 483 n5; visits America 281 n3, 379 n8, 422 & 423 n5, 534; visits Down 276 n6, 280 & 281 n5
- Darwin, Susan Elizabeth 313 & n3
- Darwin, William (1655–82) 213 & 215 n5
- Darwin, William Erasmus: Bassett, Southampton home 77 n2, 313 n8, 535 n14; bequest to Royal Society 482 & 483 n4; career 474 & 475 n2;

Correspondence Project

Index

[More Information](#)

Index

723

- CD tells of A. Rich's bequest 479 & nn 1–5; CD's son 490 n2; Christmas 1877 family party 51 & 52 n3; Darwins visit xxvi, 155 & n3, 158 n3, 170 & n2, 174 & 175 n2, 180 n2, 185 n1, 186 & 187 n6, 187 n1, 194 n9, 534 & 535 n14; helped CD with botanical observations 389 n3; O.C. Marsh's arrangements for photographs of CD purchased 280 & 281 n2, 291 n2; A. Rich's bequest to CD xxvii, 478 & n4, 482 & 483 nn 2–6; and S. Sedgwick, marriage 23 & 24 n10, 43 n6, 51 & 52 n4, 54 & n7, 89 n4; sends *Athenaeum* extract about R.I. Lynch's paper 211 & 212 n2; sends love to Emma Darwin 482; sent CD letter from FD 329 & 330 n7; submerged leaves 380 n6; visits America 281 n3, 379 n8, 422 & 423 n5, 534; visits Down 276 n6, 280 & 281 n5; visits FD at E.A. Darwin's home 378 & 379 n8; wrote to W.D. Fox 313
- Darwinian theory: terminology 316 n5, *see also* evolution
- Darwinism: in Germany 37 & 38 n4, 504 & n4
- date palm (*Phoenix dactylifera*) 391 & 392 n2, n6
- dates 391–2 & 392 nn 2–6
- Davies, Llewelyn 462
- Davies, William 369 & 370 n3
- Dawson, John William 348 n5
- Day, Joseph 253 & 255 n4
- De la Rue, Warren 402 & 403 n4, 407 & n6
- de Vries, Hugo *see* Vries, Hugo
- deaf children 183 & n4
- deaf-mutes 183 & 184 n1, 364 & 365 n2
- Decaisne, Joseph: grasses, seed structures 66 & 67 n4; hairs on pericarp of some Compositae 226 & n3
- declaration regarding threat of war with Russia 205 n2
- deer 369–70 & 370 n3, n4, 376 n4
- deerhounds: breeding 216–18 & 218 nn 1–8
- Delboeuf, Joseph: CD lends Delboeuf's book to G.J. Romanes 371 & n3, 375 & n7, 376 & 377 n1; *La psychologie comme science naturelle, son présent et son avenir* 364 & 365 n5
- Delpino, Federico: career 168 n5, 515 n5; CD learns of Delpino's *Maranta* observations from W.T. Thiselton-Dyer 301 & 302 n6, 304 & 305 n2; CD recommends as correspondent 219 & 220 n5; comments on cirripedes 167–8 & 168 nn 4–11, 514–15 & 515 nn 4–10; comments on *Forms of flowers* 167 & 168 n2, 514 & 515 n2; F. Hildebrand reviews dichogamy work of 295 n7; *Maranta* 302 n6, 304 & 305 n2, 305; sends 'Rivista botanica' (1877) 167 & 168 n2, 514 & 515 n2; *Thalia dealbata* 302 n6
- Denton, William 24
- Descendenz-theorie* (German term for evolution) 316 n5, *see also* descent theory; evolution
- Descent* (CD): cites H. von Helmholtz 350 n1; J.D. Cooper, engravings 481 n1; G.A. Gaskell influenced by 432 & 435 n3, 433 & 435 n5; hermaphroditism 110 n1; J.L. Houston comments on 55 & n1, 55–6 n2; human population growth 435 n5, n10; hybrids 376 n4; inheritance of moral tendencies 146 n2; A.J. Lecomte, critique of 349 n14; moral sense, social instincts and social virtues 434 & 435 n8, 435 n5; natural selection in human development 435 n2, n5; orang-utan 37 n5; E.B. Pusey quotes from 457 n3; religious beliefs 103 n1; reprint needed 454 & 455 n2; stridulation in insects and spiders 4 n5; sympathy 433 & 435 n6, 437 & 438 n2
- Descent* 2d ed. (CD): cites H. von Helmholtz 350 n1; cites A. Moschkau 141 & 143 n4, 511 & 513 n4; cites W.K. Parker 21 n3; indolence 434 & 435 n10; T.T. Sherlock comments on 156 & 157 n2
- Descent* Russian ed. (CD): V.O. Kovalevsky translated 118 n2
- Descent* US ed. (CD): sales 201
- descent theory: Entomological Society of London, discussion 134 & n2; and geological age 258 & n4; German terminology 316 n5; Germany xxii; R. Meldola on some continental writings 452 n1; Meldola on A. Weismann's work 417, 451 & 452 n2; E. Mojsisovics von Mojsvár regards as established xxii, 222–3 & 223 n1, 258 & n4; M. Neumayr regards as established 258 & n4; J. Sachs on 315 & 316 n5; R.C. Virchow's view of 143 n3, 150 n2, 512–13 n3, *see also* evolution
- design: CD comments to W.R. Greg on P. Greg's 'Design in development' chapter 500–501 & 501 nn 1–8, 502 n9, n10
- Desmodium gyrans* (*Codariocalyx moturius*; telegraph or semaphore plant) 139 & 140 n4
- Dew-Smith, Albert George 193 & 194 n8
- Dhairyan, V.K. 439 & 440 n6
- Dichoneuron hookeri* 41 n5, 60 n2, 510 n2
- dicotyledons: G. de Saporta 59, 60, 509, 510
- Dill, Samuel 462
- 'Dimorphic condition in *Primula*': polyanthus and *Primula auricula* 179 n3
- dimorphism: *Adenosacme longifolia* 189 & 193 n2, nn 4–6, 190
- Dionaea muscipula* (Venus fly trap): C. de Candolle 353 n5

Correspondence Project

Index

[More Information](#)

724

Index

Dionaea muscipula (Venus fly trap; CD's work): sensitivity 283 & n4, 288 & 289 n4; transmitted sensitivity 239–40 n4

Dione vanillae (*Agraulis vanillae*; gulf fritillary) 153 & 154 n7

Diplacus glutinosus (*D. aurantiacus* ssp. *aurantiacus*; orange bush monkey-flower) 294 & n2

DIPLOMAS (CD) *see* Darwin, Charles Robert, DIPLOMAS

Dipsacus sylvestris (common teasel; FD's work): CD comments on protoplasmic filaments paper 5 & 6 n3, n4; CD on J. Sachs's response to 248 & n3, 248 & 249 n4; J.D. Hooker mentions in Royal Society presidential address 403 n6

Disraeli, Benjamin: bequest from S. Brydges Willyams 482 & n3; memorial sent to Disraeli concerning ultimatum to Amir of Afghanistan (CD a signatory) xxv, 436 & n1, n2, 437 n3, n4; threat of war with Russia xxv, 205 n2

Dobhoff-Dier, Josef von 38 n7, 504 n7

Dobson, George Edward: asks whether CD observed any bats in the Galápagos Islands 158–9 & 159 n1; CD did not observe bats in Galápagos Islands 159 & n2; sends monstrous fuchsia flowers 158

Dodel-Port, Arnold: CD thanks for botanical atlas and offers to be a subscriber 237–8 & 238 nn 1–3; first part of botanical atlas sent xxii, 233–5 & 235 nn 2–7, 241 n2, 518–19 & 519 nn 2–5, 520 n6, n7, 521 n2; more news of botanical atlas 240–41 & 241 nn 2–5, 520–21 & 521 nn 2–5; thanks for English publisher's address and CD's offer of subscription which he declines in appreciation of CD's work 240–41 & 241 n3, 520–21 & 521 n3

Dodel-Port, Carolina: botanical atlas 235 n2, 519 n2

dog violet (*Viola canina*) 26 & 27 n4

dogs: breeding deerhounds 216–18 & 218 nn 1–8; dew-claws 19–20 & 20 n2; extinct great dogs 217 & 218 nn 4–6; hindfeet 20 n1

domestic breeds 459 & n3

domesticated animals and plants 107

doubleness in flowers 179 & 180 n4

Down House: extension to 399 & n3; Orpington railway station 208 n2, 418 n3, 419, 461 & n3; well 488 & 489 n2

Down House visitors: F.M. Balfour 534; S. Darwin 276 n6, 280 & 281 n5; W.E. Darwin 276 n6, 280 & 281 n5; T.W. Higginson 205 n1, 534; H. Hooker 41 & n5, 61 & n3, 93 n1, 271 n3, 534; J.D. Hooker (1876) 17 n1, 93 & n1; J.D. Hooker (1878) 36 n18, 41 & n3, 61 & n3, 269 & n6, 317 &

318 n2, 320 & 322 n11, 326 n2, 534; H.A. Huxley 534; T.H. Huxley 534; V.O. Kovalevsky (1872) 111 n2; J.F. McLennan 269 & 270 n2, 273 & 274 n3, 534; O.C. Marsh 272 & n1, 281 n2, 291 & n3, 534; H.N. Moseley (1876) 453 n3; A. Newton (1870) 484 n1; G.J. Romanes 155 n5, 158 n3, 187 n2, 196 n3, 534; H.A. Thiselton-Dyer 534; W.T. Thiselton-Dyer 35 n1, 534; K.A. Timiryazev (1877) 119 n3; J. Tyndall 465 n4, 466 n1, 534; L.C. Tyndall 534; E.J. Wedgwood (Snow) 380 & n11

Downe Coal and Clothing Club 473 & n1

Downing, Helena Paulina 439

downy woundwort (*Stachys germanica*) 293 & n1, 295 & n2

Draper, John William 346 & 348 n3, 347 & 349 n13

Drosera (sundews; CD's work): Australian species 208 & n5; benzoic acid 408 & n2; boracic acid 408 & n3; colouring of hairs 72 n2; movement 379–80 & 380 n7; seedlings failed to grow 391, *see also* *Insectivorous plants*

Drosera (sundews; FD's work): could test for nitrogen in water from cleaned leaves 331 & 332 n7

Drosera anglica 121 & 122 n3

Drosera capensis (Cape sundew) 389 & n2, 391 n3

Drosera filiformis (thread-leaved sundew) 115 n2

Drosera rotundifolia (common or round-leaved sundew): A. Dodel-Port 233 & 235 n6, 519 & 520 n6

Drosera rotundifolia (common or round-leaved sundew; CD's work) 121 & 122 n3; inflection of tentacles 206 & 207 n8

Drosera rotundifolia (common or round-leaved sundew; FD's paper on nutrition of): CD checked proofs 266 & 267 n2; CD comments on 186 & n2, 266 & 267 n2; FD thanks CD for checking proofs 278 & 279 n6; full paper published in *Journal of Linnean Society (Botany)* 186 n2, n3, 193 & 194 n4, n5; J.D. Hooker mentions in Royal Society presidential address 403 n6; paper read at Linnean Society 18 n1, 21 n2, 186 & n2, 533; summarised in *Nature* 186 & n2, 193; W.C. Williamson congratulates FD on 20 & 21 n2

Drosera spatulata (spoon-leaved sundew) 20 & 21 n1, 388–9 & 389 n1, 391 & n2

Drosera whittakerii (scented sundew) 199 & n3, 208 n5

Druitt, Thomas: income tax on CD's US investments 307 & n1

Drummond, Robert 439

Dryas iulia *see* *Colaenias julia*

Drysdale, John James 260 & n3

Du Bois-Reymond, Emil: CD thanks Royal Prussian Academy of Sciences for membership

Correspondence Project

Index

[More Information](#)

Index

725

- 431 & 432 n1, n2; Royal Prussian Academy of Sciences elected CD foreign associate 426–7 & 427 n1, 540 & 541 n3, 541 & n3; secretarial address 427 & n2
- Ducharte, Pierre Etienne Simon 67 & n8
- duck's foot with freshwater shell attached 180–81 & 181 nn 1–6, 181 & n3, 210 & n3
- Dudleya pulverulenta* *see* *Cotyledon pulverulenta*
- Dumas, Jean-Baptiste: Académie des sciences, botanical section elects CD corresponding member 334 & n2, n3, 523 & 524 n2, n3, 538 & 539 n2; CD thanks for membership 344 & n2
- Duncan, Ethel 465 & n2, 471 & 472 n2
- Dupuy, Eugène: CD comments on Dupuy's work 311 & n2, n3, 312 n4
- Dutchman's pipe (*Aristolochia siphon*) 247 & 248 n2, 263 & n4, 274 & 275 n6
- Duthie, John Firminger 499 & n2
- Dutrochet, René Joachim Henri 489 & 490 n6
- Duval-Jouve, Joseph 266 & 267 n6
- dwarf erythrina (*Erythrina princeps*; *E. humeana*) 297 & 298 n3
- dyes 451 & 452 n4, 452 & 453 n2
- ear features 141 & 143 n5, 511 & 513 n5
- earth: age of *see* geological time; composition of 424 & 426 n6, n7; heat within 416 & 417 n4; obliquity of the ecliptic 424 & 426 n4; shape of 426 n10
- earthquake waves 175–7 & 177 n1, 213 & n2
- earthworms: CD on castings 317; F. Müller's observations 12 & 13 n1, 317
- eastern elliptio *see* mussel
- 'eastern question' *see* Ottoman Empire
- Echeveria* 30 & 35 n11
- Echeveria pulverulenta* 30
- Echinocystis lobata* (wild cucumber; wild mock-cucumber) 306 & 307 n4, 353 & n1
- Ecroyd, Edward 8 n1
- Edinburgh Review*: CD comments on copyright article 401 & n4; editor H. Reeve 401 n4
- Edwards, Mary Elizabeth 216 n1
- Edwardia chrysophylla* (*Sophora chrysophylla*; mamani) 284 & 285 n4
- eelgrass (*Vallisneria spiralis*; *V. americana*) 35 n4
- eggplant (*Solanum melongena*; aubergine) 413 & 414 n3
- electrical discharge in a gas 403 n4
- elephants' tears 1 & n2
- Elisena* 45 & 46 n5
- Elliott & Fry 384 n2
- Elliptio complanatus* (*Unio complanatus*; mussel; eastern elliptio) 181 & n5, 210 n3
- Elliptio complanatus* 182
- Ellis, Alexander John 439
- Ellis, Edwin 439
- Encyclopaedia Britannica* 9th ed.: T.H. Huxley, 'evolution in biology' 229 & n1, 232 & n2
- English public's reading tastes 488
- engraved bones 81 & 82 n6
- Entomological Society of London: descent theory discussion, R. Meldola sends copy of 134 & n2; Meldola, exhibited beetles (in seeds sent to CD by F. Müller) 203 n3, 212 & n3; Meldola, exhibited insect photographs (sent to CD by O. Zacharias) 165 n2, 177 & 178 n2; Meldola, secretary 4 n6, 202; F. Müller, letter (27 Nov 1877) extracts read by Meldola at 13 n2, 25 n2, 134 n1; Müller, 'Notes on Brazilian entomology' 153 n1, 200 n2, 203 n1, 212 & 213 n4, 236 & 237 n2; F. Smith 115 n3, 118 & n2
- Eozoon canadense* 347 & 348 n5
- Epigaea*: CD asks A. Gray for observations 22 & 24 n6; A. Gray will see about observations 42 & 43 n4
- Epigaea repens* (ground-laurel; mayflower) 24 n6, 43 n4
- epinasty: CD's observations 383 n3; terminology 289 & n5, 308 & 310 n6; H. de Vries 381 & 383 n4
- Epipactis* (helleborine) 381 & 383 n4
- Episcopal Church of Scotland 461 n2
- Epping Forest 386 & n1, 388 n1, 396 & n2
- Equus* 354 & 355 n4
- Eresia langsdorfi* (Langsdorf's crescent; false erato) 153 & 154 n5
- Eriosoma mali* (*E. langierum*; woolly apple aphid) 93 n3
- Ernst, Adolf: CD asks about bloom on plants in Venezuela 16 & n2; CD thanks for book 16 & n1
- Errera, Léo Abram: CD regrets Errera went to Down while CD away 337–8 & 338 n1, n2; congratulates CD on election to Académie des sciences 345 & n4; and G. Gevaert, summary of *Cross and self fertilisation* 338 n2; visited Down while CD away 345 & n3
- Erythraea* (*Centaurium*; centaury) 336 n1, 341 n2
- Erythraea centaurium* (*Centaurium erythraea*; common centaury) 334 & 336 n1, n3, 335 & 336 n7, 341 n2
- Erythrina princeps* (*E. humeana*; dwarf erythrina) 297 & 298 n3
- Erythrina spathacea* (*E. variegata*; tiger's claw) 297 & 298 n3
- Espinas, Alfred 375 n8, 377 & n1

Correspondence Project

Index

[More Information](#)

726

Index

Eucharis 448 & 449 n3
Eueides 69 & 70 n4, n5
Eueides aliphera (aliphera longwing) 69 & 70 n4
Eueides isabella (Isabella longwing) 69 & 70 n4
Eueides pavana (pavana longwing) 69 & 70 n4
Euphorbia 302 & 303 n14
 European goose, common (domestic variety of wild greylag goose; *Anser anser*) 359–60 & 360 n1, n2, 364 n2, n3, 366–7 n2, 374 n1, n2, 376 n2, n3
 Evans, John: asks for subscription contribution for A.H. Everett's Borneo caves expedition 28 & n1; CD will subscribe to expedition 28–9 & 29 n1, n2; composition of the earth 424 & 426 n6, n7
 Everett, Arthur Hart: Borneo caves expedition 28 & n1
 evolution: W. Behrens on 371 n6; E. Haeckel on 37 & 38 n4, 150 n1, n2, 504 & n4; T.H. Huxley, *Encyclopaedia Britannica*, 'evolution in biology' 229 & n1, 232 & n2; H.N. Ridley on E.B. Pusey's interpretation of evolution 456–7 & 457 nn 2–5; teaching of in schools 150 n2; terminology 229 & n1, 232 n2, 316 n5; R.C. Virchow on 50 n5, 141 & 143 n3, 150 & n2, 511 & 512–13 n3, *see also* descent theory
 evolution (CD comments on): CD on Haeckel's and others role in continuing evolution work 52; CD reflects on in the light of E.B. Pusey's sermon 458 & n2; CD regarded A.R. Wallace as co-discoverer of theory of evolution by natural selection 82 n4; CD on a work showing orthodox Jews may accept evolution 387 & n3; development of plants 354 & 355 n4; differences of opinion regarding means of evolution 458; inheritance 311 & 312 n4; principles of evolution in movement in plants 306; public opinion 458; reception of CD's work xxii; reception of CD's work in Germany 48, 150 & n2, 234 & 235 n7, 506, 519 & 520 n7; as well established principle 150, 458, *see also* descent theory
 Ewald, Julius Wilhelm 426 & 427 n1
 exaggerated circummutation 239
 experimental work: CD accustomed to get definite results only once in three or four times 473; failures 186; fool's experiments 174, 194, 266 & 267 n7; how few people have patience for long experimental work 83; lack of people doing experimental work on plants in Britain 71, 72; patience required for 107; pitfalls and traps in 372; success in 184
 expression: photographs of a boy's change of expression 384 & n1, 385

Expression (CD): cites H. von Helmholtz 350 n1; J.D. Cooper, engravings 481 n1; elephants' tears 1 n2; A.J. Lecomte, critique of 349 n14
Expression French ed. (CD): S.J. Pozzi and R. Benoît translated 409 n4, 529 n4
Expression French 2d ed. (CD): S.J. Pozzi and R. Benoît translated 409 & n4, 529 & n4
Expression US ed. (CD): sales 200
Expression Russian ed. (CD): V.O. Kovalevsky translated 118 n2
 external conditions 501 & n7
 extinct great dogs 217 & 218 nn 4–6
 eye: inherited effects of lesions in nerves in 311 n2
 Eyton, T.C. 376
 Fagaceae 60 n5, 510 n5
 fallow deer (*Dama dama*) 369 & 370 n4
 false erato (*Eresia langsdorffi*; Langsdorf's crescent) 153 & 154 n5
 false oxlips 179 n2
 false shamrock (*Oxalis regnellii*; *O. triangularis*) 284 & 285 n4
 Farn, Albert Brydges: *Gnophos obscurata* 440 & n1
 Farquhar Islands (Juan de Nova) 351 & 352 n1
 Farrar, Frederic William 462
 Farrer, Emma Cecilia (Ida) 446 & 447 n5
 Farrer, Katherine Euphemia (Effie): Abinger Hall, home 535 n22; Darwins visit xxvi, 338 n3, 343 n3, 344 n6, 534 & 535 n22; spiritualism 44 & n2
 Farrer, Thomas Henry: Abinger Hall, home 179 & 180 n6; advises CD about his financial contribution to J. Torbitt 147 & n1, n2, 149 & n2, 149 & 150 n1, 152 n1; asks CD how much finance Torbitt needs to continue experiments 131 & 132 n1, 134 n3; Board of Trade permanent secretary 79 & n2, 91 n1; CD asks for advice about cheque returned by Torbitt 140 & 141 n7; CD comments on his seedlings work 179 & 180 n5; CD on double flowers 179 & 180 n4; CD on involving J. Caird and Royal Agricultural Society in Torbitt's project 83 & n2, n3, 99 & 100 n7; CD reports progress of Torbitt's project 99 & nn 2–5, 100 nn 6–8; CD suggests Torbitt sends copy of his letter to Northcote to Farrer 79 & n2, 89 n2, 92 n1; CD supports Torbitt's project 99 & nn 2–5, 100 nn 6–8; CD thanks Farrer and J. Caird for help 149 & n1, n2; CD thanks for *Ledum* 180 & n2; CD works with Farrer and J. Caird to obtain support for Torbitt's project xxv, 98 n4, 102 n1, 107 n1, 113 & n3, 117 & n4, 131 & 132 n1, 136, 140 & 141 nn 2–7, 147 & n1, 149 & n1, 149–50 & 150 n1, n2, 488 & n5; CD would investigate *Ledum* if he

Correspondence Project

Index

[More Information](#)

Index

727

- had time 179 & 180 n2; copy of Torbitt's letter to Northcote sent to Farrer 85 & n2; copyright 401 n4; Darwins visit xxvi, 338 n3, 343 n3, 344 n6, 351 n5, 365 n7, 401–2 n2, 534 & 535 n22; Darwins visited (Abinger; 1875) 180 n6; 'eastern question' 86 & n6; meets CD in London xxiv, 83 & 84 n3, 85, 97 n2, 534; responds to CD's request on Torbitt's behalf to obtain government funding for potato variety development 82 & n1, n2; sends *Ledum* specimen 178 & 179 n1, 180 n2; supports Torbitt's project 82 & n1, 99 n2, 101 & 102 n1, 105 & 107 n1, 113, 149 & 150 n2; Torbitt's project, Farrer's view of xxiv, 83–4, 90 & n2; H. de Vries visited CD at Farrer's home 325 n3, 339 n3, 343 n3, 350 & 351 n5, 353 n1, 355 & n2, *see also* potatoes (J. Torbitt's project, CD's letter to T.H. Farrer of support for)
- Farrer, William: requests reading recommendations for stock breeding 8; sends account of new variety of merino sheep 7–8 & 8 n2, n3
- fava bean *see Vicia faba*
- feather grass (*Stipa pennata*) 179 n5
- Fechner, Gustav Theodor 411 n1, 412 n2
- Fechner's law 410 & 411 n1, 411
- fenland Palaeolithic deposits 80–81 & 82 n3
- ferns: J.G. Baker identified 31 & 35 n15; bloom 39 & 40 n4; Silurian fern 21 & n5; specimen 33, 34, 36 n24
- fertilisation of plants: CD's interest in 388 & n2
- fertility of hybrids 376 & n4
- Ffinden, George Sketchley: CD sends cheque for Downe Coal and Clothing Club 473 & n1
- Ficaria verna* *see Ranunculus ficaria*
- Field: J. Torbitt's potato project 488 n4
- Field & Co. 442 n4
- field bindweed (*Convolvulus arvensis*) 274 & 275 n5
- field corn (*Zea mays* var. *indentata*) 13 & 16 n2, 14
- field pansy (*Viola tricolor* var. *arvensis*; *V. arvensis*) 272 & 273 n2
- field pumpkin (*Cucurbita pepo*) 353–4 n3
- Figuerola Ballester, Laureano: sends material relating to Institución Libre de Enseñanza 457 & n2, n3, 531 & n2, n3
- FINANCES (CD) *see* Darwin, Charles Robert, FINANCES
- fir trees 242 & n2, 304 & 305 n6
- Fisher, John Francis: animal rights 346–8 & 348 nn 2–6, 349 nn 7–11; CD will not read Fisher's manuscript but invites abstract of 338 & n2, n4
- Fisher, Walter William 129 & 131 n5
- Fithian, Edward William: CD sends payment for Knockholt path fund 222 & n2; Knockholt & Chevening Footpath Fund 221 & n1, 222 nn 2–4
- Fitzgerald, Robert David: CD thanks for publication on Australian orchids 406 & n1
- FitzRoy, Fanny 163 n4
- FitzRoy, George 163 n4
- FitzRoy, Katherine 163 n4
- FitzRoy, Laura Maria Elizabeth 163 n4
- FitzRoy, Maria Isabella 163 n4, 185 & n1
- FitzRoy, Robert 163 n2, 166 n1, 185 n1
- FitzRoy, Robert O'Brien 163 n4
- Fizeau, Hippolyte 538 n1
- fleshy sorrel *see Oxalis carnosus*
- Florida harvester ant (*Pogonomyrmex crudelis*; *P. badius*) 118 n2
- florist's cyclamen *see Cyclamen persicum*
- Flower, William Henry: R.A. Blair arranges for goose wings to be sent to (via Smithsonian Institution) 279 & n2, 299 & 300 n1, 473 n1; career 160 n1, 279 n1, 333 n2; CD asks about goose wing 158 & n1; CD comments on goose wing 100 & n2; CD has not called on Flower 100 & n1; CD reports that Blair has sent more goose wings and encloses letters 332 & 333 nn 2–5; CD reports to Blair that he has written to Flower with particulars 330 & n3; CD sends goose wing and asks for description of 76 & 77 nn 1–3, 158 n1, 161 n1; CD sends photographs received recently 474 & n3; CD thanks Flower and J.G. Garson for work on goose wings 473–4 & 474 n1, n2; CD thanks for goose wing observations 160 & 161 n2; CD will bring more goose information when he calls on Flower 78 & n2, n3; Darwins visited 467 & 468 n5, 474 n4, 534; observations on goose wing 159–60 & 160 nn 1–3, 300 n1, 332 & 333 n4; reports on additional goose wings and sends J.G. Garson's report on them 466–7 & 468 nn 2–6, 473 & n2; G.J. Romanes's animal intelligence lecture 361 & 362 n5; suggested to CD that Blair send more goose wing samples 160 n2, n3, 161 n2, 161 n2, 300 n1
- flowers: beauty of 360; conspicuous 127, 220 n2; doubleness in 179 & 180 n4; and general observers 360–61; inconspicuous 3 n5, 220 n3, 335, 338 n2; and insects 25–6 & 27 nn 1–6, 273 n3, 335 & 336 n8, n9, 361 n2, 370 n3, 371 n4, 399 & n3; nectararies 412 & n3; proterandrous 219 n2; proterogynous 220 n2; subterranean 144–5 & 145 n4
- Floyer, Ernest Ayscoghe: enclosure in Arabic 393 & 394 n4, 528 & n2; pigeons 392 & 393 n9; sends dates 391–2 & 392 nn 2–6; waterbuffalo 393 & 394 n3

Correspondence Project

Index

[More Information](#)

728

Index

Floyer, Frederick Anthony 392 & 393 n7
 fly agaric (*Amanita agaricus*) 6 n4
 fly orchid (*Ophrys muscifera*; *O. insectifera*) 273 n3
 fool's experiments: CD comments on 174, 194, 266 & 267 n7; J. Sachs 245 & 247 n10, 266 & 267 n7
Forms of flowers (CD): androdioecious species, none identified 211 n4; *Arachis* 30 & 35 n10; CD thinks it not likely there will be a new edition 295 & n1; cites W.E. Hart 25–6 & 27 n1; copy sent to T. von Heldreich 46 & n3, 504 & 505 n3; corolla, reduction in size 336 n9; corrections 2 & n2, 78 & n2; F. Delpino comments on 167 & 168 n2, 514 & 515 n2; grass 44 n2; A. Gray's review 22 & 23 n2, 43 n9, 62 n5, 543; *Lathyrus nissolia* 219 n2; *Leersia oryzoides* 318 n3; *Linum perenne* 171 n3; H. Müller's review 3 & n2, n5, 543; *Nepeta glechoma* 25 & 27 n1; *Pontederia* 13 n3; published 5 n1, 363 & n3, 388 n2, 423 n2, 530 n2, 543; *Ranunculus aquatilis* 204 n3; reviews 543–4 & 544 n1; J.E. Taylor cites 249 n1; terminology 43 n5; W.T. Thiselton-Dyer's review 154 & n1, 208 n11, 544; *Thymus serpyllum* 336 n5
Forms of flowers 2d ed. (CD): CD must soon prepare this 39 & 40 n3; cites H. Müller 3 n4, n5, 43 n3; cites T. Whitelegge 204 & n2, 293 n1, 295 n1; cyclamen, information from W.T. Thiselton-Dyer and G. Bentham 39 & 40 n3; *Erythraea centaurium*, information from A.S. Wilson 336 n3; *Linum perenne* 62 n5; new material added to preface 78 n2; published 5 n1; *Ranunculus acris* 204 n2, 211 n1; *Stachys germanica* 293 n1
Forms of flowers French ed. (CD): corrections 2 n2; A. Gaudry, presentation copy 423 & n2, 530 & n2; É. Heckel translated 2 & n1, 349 n1, 408 & 409 n2, 528 & 529 n2; *Primula* 2 & n1; G. de Saporta, presentation copy 423 n2, 530 n2
Forms of flowers US ed. (CD): sales 201
 Forster, William Edward 462
Fossil Cirripedia (CD) 168 n4, 515 n4
 fossil horses 354 & 355 n4
 fossil plants: O. Heer 353 n4; J.D. Hooker 352 & 353 n4; Silurian 21 & n5, 39 & n5
 Fox, Ellen Sophia 51 & 52 n6, 281 n2, 313 & 314 n9
 Fox, Theodora 51 & 52 n5, 53 & 54 n3, 313 & n8; death of 281 n1, 313 & n2
 Fox, William Darwin: CD reports family news 53–4 & 54 nn 2–7; CD writes after learning of the death of Fox's daughter 281 & n1, n2, 313 & n2; W.C. Hewitson 313 & nn 4–7; on looking at many of CD's letters 313 & n3; sends birthday greetings and reports family news 51 & 52

nn 2–6; thanks CD for condolences on death of his daughter 313 & n2
 France: human population 434 & 435 n9, 437; reception of CD's work in 337 & n2, 349 & n1
La France 367 & n1
 Francis, George: CD thanks for bulbs 72 & n1, n2
 Frankland, Edward: assisted CD with chemical aspects of research 332 n10; CD on arrangements for procuring pure water and Wenham ice 461 & n3, n4; CD hopes to visit 447 & n2, 448 & n2, n3, 450 n7; CD thanks for Blue Book (London water quality report) 461 & n2; CD visited Frankland 461 & n4, 534
 Franklin Literary Society: elected CD honorary member and wishes to purchase portrait of CD 134–5 & 135 n1, n2
 Fraser, James, bishop of Manchester 462 & 463 n9
 Free Institute of Education (Institución Libre de Enseñanza): names CD honorary professor 16–17 & 17 n2, 345 n2, 457 n2, 503 & n2, 527 n2, 531 n2
 freezing temperatures, effects on plants of 138 & n5, 146 & n3
 French Association for the Advancement of Sciences 60 n2, 510 n2
 frost heaving 355 & n3
 Froude, James Anthony 204, 401 n4
 Fry, Clarence Edmund: sends series of photographs of a boy's change of expression 384 & n1, 385
 Fry, Clarence Edmund, Jr 384 n2
 fuchsia 158, 159 & n1
Fumana procumbens see *Helianthemum procumbens*
 funded loans 307 n1
 Gable Island 428 & n3
 Gaertner, Joseph 66 & 67 n6, n8, 68 n9
 Galápagos Islands: bats, whether exist on islands 158–9 & 159 n1, 159 & n2
 Galkin-Vraskoi, Mikhail Nikolaevich: career 58 n5; CD thanks for wheat seeds 58 & n2, 508 & n2; wheat seeds from 53 & n2, 57 & n1, 168 & 169 n1, 175 n4
 Galton, Douglas Strutt: BAAS, general secretary 263 n2; G.H. Darwin sought advice from 263 & n2; and H. Darwin 248 & 249 n5; and J.D. Hooker 248 & 249 n5; G.J. Romanes's animal intelligence lecture 361 & 362 n5
 Galton, Francis: attended séances 442 n1; CD refers G.A. Gaskell to an article by Galton xxiii, 437 & 438 n3, 443 & 444 n7; composite portraits 213 & 215 nn 2–5, 214; 'Hereditary improvement' 438 n3; human development 433 & 435 n5

Correspondence Project

Index

[More Information](#)

Index

729

- Galton, Samuel Tertius 253 & 255 n8
 Galton, Violetta 253 & 255 n8
 Gandamak, Treaty of 437 n4
Gardeners' Chronicle: *Abies nordmanniana* 294 & 295 n8; CD ceased keeping 304; R.T. Clarke 45 n5; editor M.T. Masters 295 n8, 544 n1; G. Nicholson 294 & 295 n6
Gardeners' Chronicle (CD's notes): *Pumilo argyrolepis* observations 226 & n2, n3
Garibaldi voyage 168 n5, 515 n5
 Garrod, H. 439 & 440 n6
 Garson, John George: report on goose wings 466, 467 & 468 n2, 473 & 474 n1
 gas: electrical discharge in 403 n4
 Gascoyne-Cecil, Robert Arthur Talbot, 3d marquess of Salisbury: CD a signatory to letter to Gascoyne-Cecil requesting a meeting to present signed declaration on Eastern European affairs xxv, 204 & 205 nn 1–4; refused to meet a deputation 205 n3
 Gaskell, George Arthur: CD comments on Gaskell's letter xxiii, 437 & 438 nn 1–5; discusses condition of human race xxiii, 432–5 & 435 nn 1–11, 436 n12, 442–3 & 444 nn 1–8; *A new theory of heredity* 436 n12
 Gaudry, Albert: *Les enchaînements du monde animal dans les temps géologiques: mammifères tertiaires* 28 & n3; thanks CD for *Forms of flowers* French ed. 423 & n2, 530 & n2
 Gay, Jacques 31 & 36 n18
 geese: cross-breeding Chinese and common European geese 359–60 & 360 nn 1–4, 363–4 & 364 n2, n3, 366 & n2, 367 n3, 374 & n1, n2, 376 & n2, n4; gosling with turned back feathers 161, 162; supposed inheritance of injury case 76 & 77 n1, 78 n3, 100 & n2, 158 & n1, n2, 159–60 & 160 nn 1–3, 279, 299–300 & 300 nn 1–3, 332 & 333 nn 2–4, 466–7 & 468 nn 2–6, 473 & nn 1–3
 Geiger, Lazarus 47 & 48 n2
 Geikie, James: confirmed S.B.J. Skertchly's Palaeolithic implements discovery 80 & 82 n3; fenland Palaeolithic deposits 82 n4; Skertchly's notes included in Geikie's book on ice age 80 & 82 n2, 96 & n4
 Geinitz 500
Gentiana andrewsii (bottle gentian) 43 n9
 Geoffroy Saint-Hilaire, Isidore 316 n5
 geographical distribution: W.T. Thiselton-Dyer's lecture on plant-distribution 248 & 249 n3, 304 & 305 n9, 368 & n6
 geographical isolation and new species: C.G. Semper 454 n3, 468–9 & 469 nn 1–4; M.F. Wagner 453 & 454 n2, 469 n1, n2, n4; A. Weismann 459 & n2, 469 & n4
 geographical isolation and new species (CD comments on) 453–4 & 454 nn 2–4, 458–9 & 459 nn 1–3, 460 n4, n5, 469 n3; *Origin* 6th ed. 453 & 454 n2
 geological formations: age of 223 n1, 228 n2, 258 & n4; alpine 171–2 & 172 n1, 228 & n2
 geological record's imperfections: CD comments on 223 & n2; E. Mojsisovics von Mojsvár 172 & n2; *Origin* 6th ed. 172 n2
 geological time: CD comments on 155, 258 & n4; CD comments on S. Haughton's work xxiv, 172–3 & 173 n1, n2; G.H. Darwin 417 n4; G.H. Darwin comments on S. Haughton's work xxiv, 27 & n1, 28 n2, 173 n1; disputes about 417 n4; T.M. Reade 62 & n1, n2, 70 n2, 155 n1; W. Thomson 62 & n2, 417 n4
 geology: progress in 96
 geotropism: terminology 43 n5
 geotropism (CD's work): cabbage radicle 56 & 57 n4; CD sends thanks to W.T. Thiselton-Dyer for plants 146 & n2; working on 119 & n5, *see also* apogeotropism
 geotropism (FD's work) 297 & 298 n5
 geraniums 446 & 447 n4, 447 & n1, n3, 448 & 449 n2
 German and Austrian scientists photograph album 49 n6, 508 n6; J. von Doblhoff-Dier 38 n7, 504 n7; C. Kraus, hopes his photograph may be included 49 n3, n6, 506, 508 n3, n6; C. Kraus, unable to participate in album 37 & 38 n5, 504 & n5
 German collected edition of CD's works (CD) 389 & 390 n1, 395 & n3; J.V. Carus translated 390 n1, 395 n3
 Germany: cultural situation 150 n2; *Descendenztheorie*, terminology 316 n5; descent theory xxii; natural history 431; reception of CD's work in xxii, 48, 150 & n2, 234 & 235 n7, 506, 519 & 520 n7
Geum 173 & n1, n2
Geum intermedium 211 & n3
Geum rivale (water avens) 173 n2, 211 & n3
Geum urbanum (wood avens) 211 & n3
 Gevaert, Gustave 338 n2
 giant granadilla (*Passiflora quadrangularis*) 153 & 154 n6
 giant tortoises 351 & 352 n3
 Giner de los Ríos, Hermenegildo: requests list of CD's publications 345 & n2, 363 n2, 526 & 527 n2
 glacial periods 405 n5

Correspondence Project

Index

[More Information](#)

730

Index

glass tubes 378 & n2, 380 & n13, 381 & 383 n2
Glechoma hederacea see *Nepeta glechoma*
Glossostigma elatinooides 294 & n1
Gnophos obscurata (*Charissa obscurata*; Scotch annulet) 440 & n1
 Godron, Dominique Alexandre 30 & 35 n5, 36 n21, 23; *Aegilops triticoïdes* 73 n2
 Goethe, Johann Wolfgang von 315 & 316 n5
 golden polypody (*Polypodium aureum*; *Phlebodium aureum*) 31 & 36 n16
 Goldfuss, Georg August 217 & 218 n5
 Goliath birdeater (*Theraphosa blondi*) 311 n14
 Goodacre, Francis Burges: CD declines offer of geese and suggests Goodacre carries on cross-breeding them 363–4 & 364 n2, n3, 366 n2; CD reconsiders and accepts offer of geese 366 & n2, 367 n3; CD thanks for geese, and comments on varieties and species 376 & nn 2–4; cross-breeding Chinese and common European geese 359–60 & 360 nn 1–4, 364 n3, 374 & n1, n2; offers CD geese for experimenting 359 & 360 n1, 364 n2; sends geese 374 & n1
 goose, common European (domestic variety of wild greylag goose; *Anser anser*) 359–60 & 360 n1, n2, 364 n2, n3, 366–7 n2, 374 n1, n2, 376 n2, n3
 gooseberries 268 & 269 n6, 271 & n3
 Göppert, Heinrich Robert 541 & 542 n1, 542 & n1
 Gordon-Lennox, Charles Henry 84 n3, 86 n4, 89–90 n2, 90 n4
 gosling: with turned back feathers 161, 162
Gossypium (cotton) 284 & 285 n5, 289 & 290 n10, 308 & 310 n7, 328 & 329 n6
Gossypium brasiliense (*G. barbadense*; Creole cotton) 285 n5
Gossypium maritimum (*G. barbadense*; Creole cotton) 285 n5
Gossypium tomentosum 329 n6
 graft-hybrid experiments (for pangenesis research; G.J. Romanes): onions for 108 & n1, n2, 155 n4, 157 & 158 n3, 196 & n2, 238 & 239 n4, 361 & 362 n2, 384 & 386 n1, n3; root vegetables 108 n2, 384
 grafting: CD considers confined to vegetable world 168 n7, 515 n7; trees 132 & n2, 136 & 137 n2
 Gramineae (Poaceae; grasses) 355 & n3
 Grant, James Miller: asks CD how his doctrines affect idea of existence of God 103 & n1; CD on religious belief xxiii, 112 & n2; thanks CD for his comments 124 & n2
 Grant, Robert Edmond 151 & n2
 Grant-Duff, Mountstuart Elphinstone 462

grapevines 76 & n7, 84 & n5, 92 & 93 n2, 106 & 108 n8
 grass vetchling (*Lathyrus nissolia*) 219 & n2
 grasses (Poaceae; Gramineae): CD's observations 317 & 318 n3; cotyledons 267 n9; G. Henslow on seed structures 65 & 66 n7, 66–7 & 67 nn 2–8, 68 n9, 68 & n6; J.D. Hooker on seed structures 68 & nn 2–6; pulvini 267 n9, 316 n7; roadside 43 & 44 n2; roots 355 & n3; J. Sachs 66 & 67 n5, 68 & n4, 315 & 316 n7; terminology 67 n3, 68 n5, 246 n2
 Gray, Arthur Fairfield: CD thanks for letter and has sent it to *Nature* 209 & n1, 210 n1, n3; duck's foot with freshwater shell attached 180–81 & 181 nn 1–6, 210 & n3
 Gray, Asa: Académie des sciences, corresponding member 353; CD asks about bloom 23 & 24 n9; CD comments on his election to Académie des sciences 353 & n2; CD heard from J.D. Hooker of American tour 23 & 24 n13; CD on J.D. Hooker and H. Hooker's visit to Down 61 & n2; CD on H. Müller's *Valeriana dioica* work 22 & 24 n6; CD requests *Echinocystis lobata* seeds for H. de Vries 353 & n1, 362 & 363 n4; CD thanks for review of *Forms of flowers* 22 & 23 n2; comments on his own work 42 & n2; encourages CD to work on movement in plants 42 & 43 n5; *Forms of flowers*, review 22 & 23 n2, 43 n9, 62 n5, 543; J.L. Gray accompanies him on American tour 42 & 43 n8; and J.D. Hooker, paper on vegetation of Rocky Mountains 402 & 403 n8, 407 n7; and Hooker toured in America 24 n7, 43 n8, 61–2 n2; *Linum perenne* 43 n9, 62 n5; *Linum perenne*, CD comments on xxiii–xxiv, 23 & 24 n11, 61 & n4, 62 n5, 171 n4; *Linum perenne*, CD suggests experiment 61 & 62 n5; T. Meehan, CD comments on xxiii–xxiv, 23 & 24 n11, 43 n7, 61 n4; Meehan, Gray comments on 42 & 43 n7, n9; Meehan, Gray wrote to 171; religious belief 112 n2; review of J. Cook's lectures on biology 22 & 23 n4, 42 & 42–3 n2; terminology 42 & 43 n5, 68 & n3
 Gray, Jane Loring: toured America with A. Gray 42 & 43 n8
 Greaves, Elizabeth Anne (*née* Hadley): family history 253, 255 & nn 2–12, 256 nn 13–17; sale to CD of portrait of Erasmus Darwin 6 & 7 nn 1–5, 253 & 255 n1
 Greaves, Richard 255 & 256 n14
 Greece: reception of CD's work in xxii, 46, 505
 Greek: Cambridge University, Previous Examination 462 & 463 n3, n4

Correspondence Project

Index

[More Information](#)

Index

731

- greenbrier (*Smilax*) 342 & n7, 352 & 352–3 n3, 525–6 & 526 n7
- Greg, Percy: CD comments to W.R. Greg on P. Greg's 'Design in development' chapter 500–501 & 501 nn 1–8, 502 n9, n10; *The devil's advocate* 501 n1
- Greg, William Rathbone 433 & 435 n5; CD comments on P. Greg's 'Design in development' chapter 500–501 & 501 nn 1–8, 502 n9, n10; 'Obligations of the soil' 442 & 444 n4
- Grenfell, Alfred Masini 231 & n5
- Grenfell, John Pascoe 231 & n5
- Grenier, Charles 30 & 35 n5, 36 n21, n23
- Griffin, Grace Mary 163 n6
- J. J. Griffin & Sons 267 n3
- Gris, Arthur 67 n8
- Grosvenor, Hugh Lupus, 1st duke of Westminster 204, 205 & n3, 436–7 n2
- gulf ivy (*Nepeta glechoma*; *Glechoma hederacea*) 25–6 & 27 n1
- ground-laurel (*Epigaea repens*; mayflower) 24 n6, 43 n4
- groundsel, common (*Senecio vulgaris*) 26 & 27 n5
- Guaiaacum* 285 n4
- Guaiaacum officinale* 315 & 316 n6
- Guardian* (London) 455 n2, 458 & n1
- Guiana-chestnut (*Pachira aquatica*; provision tree) 199 n5, 206 & 207 n6, 211 & 212 n2
- gulf fritillary (*Dione vanillae*; *Agraulis vanillae*) 153 & 154 n7
- Günther, Albert 352 n3
- gynodioecious species 203 n1
- gynodioecy 220 n2
- Hacon, William Mackmurdo: acknowledges CD's instructions for a codicil to his will 131 & n1; acknowledges receipt of A. Rich's letters 490 & n1; advises CD on will in light of Rich's bequest 490 & n2, 492 & 493 n2, n3; on CD's bequest to daughters 490 & n2, 492 & 493 n3; CD's solicitor 480 n3; returns Rich's letters 492 & 493 n1; sends will codicils for signing 143–4 & 144 n1, 495 & n1
- Hadley, Elizabeth Susanna 255 & n12
- Hadley, Henry (1762–1830) 6 & 7 n3, 253 & 255 n3, n5
- Hadley, Henry (1812–74) 253 & 255 n5
- Hadley, Susanna (*née* Parker) 6 & 7 n3, 253 & 255 n2, n5
- Hadley, Ursula 253 & 255 n9
- Haeckel, Ernst: CD comments on Haeckel's and others' role in continuing evolution work 52; CD comments on his own work strategy and current work xvii, 52 & n3; CD sent paper by W.H. Dallinger and J.J. Drysdale 260–61 n3; evolution, lecture tour popularising 150 & n1; evolution, speech on impact of evolution on science 37 & 38 n4, 504 & n4; introduced term *phyletische* 477 n4, 487 & n1; Radiolaria specimens from *Challenger* expedition 47 & n3, 505–6 & 506 n3; sends birthday greetings 47 & n2, 505 & 506 n2
- Hairby, Edward 231 & n4
- Hammond, John Lempriere 462
- Hammond, William Alexander 94 & 95 n5
- Hamond, Almeria Blanche 422 & n5
- Hamond, Philip Walpole 163 n5, 422 & n5
- Hamond, Robert Nicholas (1809–83) 162 & 163 n5, 422 & n5
- Hamond, Robert Nicholas (1844–94) 163 n5
- Hand, Frederick James 475
- Hardwick & Bogue 450 & 451 n3
- hares 376 n4
- Harker, James Allen: *Ophyrus apifera* 428–30 & 430 nn 1–4
- Harrison, Ellen: writes to Emma Darwin and sends greetings to CD 1 & n2, n3
- Harrison, John 1 & n3
- Hart, William Edward: cited in *Forms of flowers* 25–6 & 27 n1; flowers and insects 25–6 & 27 nn 1–6
- Harte, Richard 442 & 444 n2
- harvesting ants 118 & n2
- Harvey, William 323 & 324 n4; T.H. Huxley's lecture and publications on 25 & n4
- Haughton, Samuel: CD advises G.H. Darwin on responding to Haughton's paper xxiv, 41 & n2; G.H. Darwin comments on Haughton's views of geological time xxiv, 27 & n1, 28 n2, 173 n1; 'Notes on physical geology', CD comments on to G.G. Stokes xxiv, 172–3 & 173 n1, n2; 'On a new method of finding the limits to the duration of certain geological periods', G.H. Darwin asks CD's advice about response to xxiv, 27 & n1, 28 n2, 173 n1
- hawker dragonflies (*Aeshna*; mosaic darner dragonflies) 429 & 430 n3
- Hawksley, Thomas Paton 378–9 n2
- Hayden, Ferdinand Vanderveer 9 & 10 n4
- hazel, common (*Corylus avellana*) 55 n2
- HEALTH (CD) *see* Darwin, Charles Robert, HEALTH
- heart's-ease *see* *Viola tricolor*
- Heckel, Édouard: CD suggests using scientific names for *Primula* 2 & n1; CD thanks for note and appreciates Heckel's support 349 & n1;

Correspondence Project

Index

[More Information](#)

732

Cross and self fertilisation French ed. translated 349 n1, 409 & n4, 529 & n4; *Forms of flowers* French ed. translated 2 & n1, 349 n1, 408 & 409 n2, 528 & 529 n2

Hedychium and sphinx-moth 237 & n5

Heer, Oswald: fossil plants 353 n4

Heldreich, Theodor von: thanks CD for *Forms of flowers* 46 & n3, 504 & 505 n3

Helianthemum procumbens (*Fumana procumbens*; sprawling needle sunrose; procumbent rock-rose) 30 & 35 n7, 40 & 41 n3

Heliconiinae 153 & 154 n6

Heliocereus speciosus see *Cereus speciosissimus*

Heliocomis eucrate (*H. ethilla*) 69 & 70 n4

heliostat 119 & n4

heliotropism: as induction phenomenon 302 n5, 308 & 310 n5; roots 327 & 328–9 n2; J. Sachs 315 & 316 n2, 327 & 328–9 n2, 328 & 329 n7; E. Strasburger 404 n2; terminology 43 n5; W.T. Thiselton-Dyer 187–8 & 188 n2, n3, n5, 320 & 321 n10; S.H. Vines 307 n6; J. Wiesner 302 n5, 310 n5

heliotropism (CD's work): CD asks FD to read J. Wiesner on, and to ask J. Sachs about Wiesner's term induction 301 & 302 n5, 310 n5; CD asks W.T. Thiselton-Dyer about heliotropic roots 305 & 306 n12, 368; CD comments on 198 & 199 n2; CD and FD work on 12 & 13 n4, 22 & 24 n8; CD resumes experiments on 239 & 240 n6; CD works on 381 & 383 n5, 404 & n2, 415 & 416 n3, 529 & 530 n3; low light-levels 381 & 383 n5; moulds 306 & 307 n6, 320 & 321 n10, 330 n3; oats 267; roots, CD asks FD to ask Sachs about 306, 316 n2, 320, 330 n3; terminology 306 n12

helleborine (*Epipactis*) 381 & 383 n4

Helmholtz, Hermann von 350 & n1, 410 & 411 n1, 426 & 427 n1

Helwingia rusciflora (*Helwingia japonica*) 309 & 311 n15, 320 & 321 n8, 324 & 325 n4, 332 n3, n4

Helwingia 311 n15, 332 n4

Helwingia japonica (*Helwingia rusciflora*) 309 & 311 n15, 320 & 321 n8, 324 & 325 n4, 332 n3, n4

Hemileia vastatrix 114 & n2

Henslow, George: note for CD on grasses 65 & 66 n7, 66–7 & 67 nn 2–8, 68 n9, 68 & n6

Heracleum 88 & n2

Herbert, John Maurice 52 n2

hermaphroditism 110 n1

Herrmann, Moritz August 314 & n2, 318 & 319 n4

Hesperomys 350 & n2

Hesperomys cognatus (*Peromyscus gossypinus*; cotton mouse) 350 n2

Index

Hewitson, Hannah 313 & n5

Hewitson, William Chapman 313 & nn 4–7

Higginson, Thomas Wentworth: CD looks forward to his visit 205 & n1; Emma Darwin writes to 206 & n2; visits Down 205 n1, 534

higher idiots 364 & 365 n3

Hildebrand, Friedrich: *Linum perenne* 23 & 24 n11, 195 & 195–6 n1; *Maranta zebрина* 295 n7

Hill, Alfred 356, 357

Hind, John Russell 183 & n5

Hitchcock, Edward 347 & 349 n12

Hobhouse, Arthur 365 & n7

Hobhouse, Mary 365 & n7, 375 & n6

Hofmeister, Wilhelm Friedrich Benedikt 66 & 67 n5

hog peanut (*Amphicarpa*; *Amphicarpa*) 40 & 41 n4, 43 & 44 n5

Holyoake, George Jacob 438 & 439 n3

honeysuckle, common (*Lonicera periclymenum*) 247 & 248 n2, 263 & n4

Hood, Charles 122

Hooker, Hyacinth: J.D. Hooker's wife 405 n2; visits Down 41 & n5, 61 & n3, 93 n1, 271 n3, 534; visits her father 326 & n3

Hooker, Joseph Dalton: *Adenosacme longifolia* 189 & 193 n4; answers CD's queries 325–6 & 326 n1, n2; arranges CD's visit to Kew 17–18 & 18 n2; arranges house at Kew for J.G. Baker 485 & 486 n3, n4; asks CD's opinion on translating and publishing K. Sprengel and H. Müller as one volume 54 & n1; *Atriplex* 373 n4; BAAS 1878: 326 & n3; and J. Ball work on Moroccan book 268 & 269 n5, 402 & 403 n9; CD arranges to visit 17 & n1, 21 n2; CD asks Hooker to thank W.T. Thiselton-Dyer for help 146 & n2, 489 & 490 n5; CD asks for *Oxalis* identification 401 & n2; CD asks Thiselton-Dyer to thank Hooker for G. Henslow's note on grasses 65 & 66 n7; CD comments on cabbage radicle 56 & 57 n4; CD discusses sleep in plants xvii, 138 & nn 2–6; CD offers contribution to Royal Society fund 264 & n1, 268 & n1, 271 & n2; CD passes on some seeds from F. Müller 317 & 318 n2; CD requests heliotropic aerial roots 320 & 322 n11; CD requests seeds and plants 56 & 57 n2, 138 & n6, 264 & 265 n3, 267 n6; CD sends thanks (via Thiselton-Dyer) for plants which he is returning to Kew 208 & n8; CD on K. Sprengel and H. Müller publication idea 56 & 57 n1; CD tells of A. Rich's bequest xvii, xxvii, 484–5 & 485 n3, n4; CD thanks for *Oxalis* 56 & 57 n2; CD thanks for *Oxalis valdiviensis* identification 404 & 405 n8; CD thanks for seeds and plants

Correspondence Project

Index

[More Information](#)

Index

733

84 & n7, 146 & n2, 489 & 490 n4; CD visits at Kew 18 n2, 22 n1, 22 & 24 n7, 23 & 24 n13, 30 & 35 n1; CD welcomes him and family for gooseberry feast 271 & n3; CD's conversations with about Royal Society fellowship selection 163 & 164 n3; coffee cultivation 93 & 94 n3, 114 & n2; consults CD about C. Lyell's correspondence 128–9 & 129 n1; G.H. Darwin's Royal Society candidacy 183 & n6; daughter *see* Thiselton-Dyer, Harriet Anne; discusses publications Hooker is working on 402 & 403 n8, n9; *Drosera whitakerii* 199 n3; FD called on but Hooker away 378 & 379 n9; *Flora of British India* 193 n1; on flora of St. Helena 406 & 407 nn 1–5; on fossil plants 352 & 353 n4; and D.S. Galton 248 & 249 n5; J. Gay's herbarium purchased (1868) 36 n18; gooseberry season and visits to Down 268 & 269 n6, 271 n3; grasses, seeds structures 68 & nn 2–6; and A. Gray toured in America 24 n7, 43 n8, 61–2 n4; and Gray's paper on vegetation of Rocky Mountains 402 & 403 n8, 407 & n7; on T.H. Huxley and BAAS 326 & n4; Huxley, Hooker intends consulting on spontaneous generation 402 & 403 n7; on Huxley's crayfishes paper 486 & n7; invites CD to ask for plants from Kew 184; *Linum perenne* 61, 171 n4; lived in Glasgow 232 n2; Morocco 268 & 269 n5; *Oxalis valdiviensis* 402 & 403 n1; Paris Universal International Exhibition 402–3 & 403 n10; on A. Rich's bequest to CD 485 & 486 n1, 486 & 487 n9, 489 n2; G.J. Romanes's animal intelligence lecture 361 & 362 n5; Royal Agricultural Society's support for potato disease research 91 n4; Royal Botanic Gardens, director 24 n13, 45 n2, 185 n2, 379 n9, 381 n1; Royal Institution, lecture on distribution of North American flora 268 & 269 n4; Royal Society, CD comments on government grant fund 489 & 490 n7; Royal Society, conversations with CD on fellowship selection 163 & 164 n3; Royal Society, Hooker announced new government grant in presidential address 486 & n8; Royal Society, presidency ends 232 & n4, 486 & n6, 489 & n3; Royal Society, president 164 n3, 183 n6, 232 & n1, 326 n5, 403 n3, 446 n5, 489 n3; Royal Society, presidential address 326 & n5, 402 n4, 402 & 403 n3, 403 n4, 404 & 405 n7, 446 n5, 484 & 485 n2, 485–6 & 486 n5, 486 n8, 489 n3, 491 & n2; Royal Society, presidential address, CD comments on 401 & 402 n4, 404 & 405 n7, 484 & 485 n2; Royal Society, publication fund and membership fees 231–2 & 232 nn 1–4, 264 n1, 268 & n2, 271 n2;

G. de Saporta, *L'ancienne végétation polaire* 491 & n2; G. de Saporta's Permian leaf drawing 38 & 39 n1, 39 & 40 n5, 40 & 41 n5, 45 & n2, 58 & 60 n2, 509 & 510 n2; signatory to memorial to Cambridge University 462; *Silene acaulis* 335 & 336 n6; Sunningdale house 403 & n11; supplied CD with Carl von Linné book reference 138 n3; thanks CD for offer of contribution to Royal Society publication fund 268 & n1, n2; Thiselton-Dyer helped Hooker with Royal Society presidential address 486 & n5; J. Torbitt offers (via CD) *Solanum dulcamara* 381 & n1; J. Torbitt's project, CD comments on Torbitt's personality xxv, 97 & 98 n7; Torbitt's project, CD intends to get Hooker's opinion on CD's Torbitt supporting letter to T.H. Farrer 97 & n3; Torbitt's project, CD reports meeting with J. Caird 97 & n4; Torbitt's project, CD reports on Torbitt's potato breeding experiments 83–4 & 84 nn 2–5, 97 & 98 n3, n4; Torbitt's project, CD requests Hooker read Torbitt's letter 83 & 84 n2, 85–6 & 86 n4; Torbitt's project, CD requests note from Hooker of support if he favours project 89 & n2, 110 n2; Torbitt's project, CD sends corrected Torbitt supporting letter to Hooker 112 & n2, 113 & 113–14 n3; Torbitt's project, CD suggests Torbitt sends copy of his letter (to Northcote) to Hooker 79 & n3, 84 n2, 89 n2; Torbitt's project, copy of Torbitt's letter (to Northcote) sent to Hooker 85 & n2; Torbitt's project, Hooker supports 93 & 94 n2, 99 & 100 n8, 102 & n4, 106 & 107 n3, 108–9 & 109 n1, 110 n2, 114 & n1, 117 & n1, 128 n6, 133 & n2; *Trifolium striatum* 326 & 327 n6; visited Down (1876) 17 n1, 93 & n1; visits Down 36 n18, 41 & n3, 61 & n3, 269 & n6, 317 & 318 n2, 320 & 322 n11, 326 n2, 534; A.R. Wallace's application for Epping Forest superintendent 386 & n2; F.B. White, CD sends White's paper to Hooker 404 & 405 n3; F.B. White's paper 406 & 407 n1; workload 402–3 & n10, n11; workload, CD comments on 242 & 243 n7, 264, 404 & 405 n2, 489 & n3; Hooker, Joseph Symonds 61 n3, 271 & n3, 534; Hooker, William Jackson 407 n3; Hope, Samuel Wilson 432 & 435 n1; horeoka (*Pseudopanax crassifolius*; lancewood) 320 n1; Hornby, James John 462; Horner, Leonard 128 & 129 n2; horse chestnut (*Aesculus hippocastanum*) 329 & 330 n6, 446 & n2, 447 & 448 n6, 448 & 449 n6, 449 & 450 n2; horseradish (*Armoracia rusticana*) 132 & n3

Correspondence Project

Index

[More Information](#)

734

horses: eightlegged exhibit 230–31 & 231 nn 2–5; fossil horses 354 & 355 n4

Houston, James Lennox: comments on *Descent* 55 & n1, 55–6 n2

Howells, William Dean 449 & 450 n4

Howlett, Frederick: CD comments on blood corpuscles 390 & n1, n2

Hudson, Thomas 255 & 256 n16

human development: CD discussed role of natural selection in 435 n2, n5

human population: CD comments on artificial checks to xxiii, 437 & 438 nn 3–5; *Descent* 435 n5, n10; France 434 & 435 n9, 437; T.R. Malthus 432 & 435 n2

human race: F. Galton 437 & 438 n3; G.A. Gaskell discusses xxiii, 432–5 & 435 nn 1–11, 436 n12, 442–3 & 444 nn 1–8

humble-bees 399 & n4

Hungarian oak (*Quercus pannonica*; *Q. frainetto*) 304 & 305 n5

Hunt, Thomas Marshall 356 & 357 n4

Hunter, William Wilson 9 & n3

Hunterian Museum, Royal College of Surgeons 160 n1, 279 n1, 333 n2, 474 n1

Huxley, Henrietta Anne: daughter's illness 229 & 230 n3; visits Darwins (London) 534; visits Down 534

Huxley, Marian 229 & 230 n2, 232 n3, 269 & n2, 343 & 344 n2

Huxley, Noel 344 n3

Huxley, Thomas Henry: asks if O.C. Marsh may visit CD 269 & n1; Association of Liberal Thinkers 438 & 439 n2; bequest from A. Rich 496 n2; career 257 n3, 305 n7; CD comments on Huxley's evolution article for *Encyclopaedia Britannica* 232 & n2; CD on hearing Huxley's daughter is still unwell 343 & 344 n2; CD on Huxley's visit to A. Rich 497 & nn 1–3; CD mentions to C.G. Semper 470 & n5; CD on misery of children's illnesses 232 & n3; CD thanks for congratulations on election to Académie des sciences xxi, 344 & n4; crayfishes 229 & 230 n4, 486 & n7; daughter's illness 229 & 230 n2, n3, 232 n3, 269 & n2, 344 n2; J.D. Hooker intends consulting on spontaneous generation 402 & 403 n7; and J.W. Judd 256 & 257 n3; *Miohippus* 230 & 231 n3; natural selection 25 n4; on A. Rich's bequest to CD 496 & nn 1–4; G.J. Romanes's animal intelligence lecture 361 & 362 n5; Royal Institution, lecture in honour of W. Harvey 25 & n4; sends evolution article to CD 229 & n1, 232 & n2; signatory to memorial to Cambridge University

Index

462; visits Darwins (London) 534; visits Down 534; visits A. Rich 496 & nn 1–4, 498 & n4

hybridism in the Bible: N. Lewy comments on 196–7 & 198 nn 2–14, 516–17 & 517 nn 2–7, 518 nn 8–14

hybrids: fertility of 376 & n4

hypogean habit *see* burying of seeds

hyponasty: terminology 289 & n5, 308 & 310 n6; H. de Vries 383 n4

Hydrocharis 245 & 246 n8

ice: Wenham 461 & n4

idiots: higher idiots 364 & 365 n3

Impatiens noli-me-tangere (*I. noli-tangere*; western touch-me-not) 418 & n3, 445 & 446 n2, 445 & n3

Imperial Academy of Sciences, Vienna 302 n5

inconspicuous flowers 3 n5, 220 n3, 335, 338 n2

India 437 n4

Indigofera teysmannii (*I. zollingeriana*; Zollinger's indigo) 284 & 285 n4

Indigofera tinctoria (true indigo) 284 & 285 n4

Indigofera zollingeriana *see* *Indigofera teysmannii*

indolence: *Descent* 2d ed. 434 & 435 n10

induction: J. Sachs 308 & 310 n5; J. Wiesner's use of term 301 & 302 n5, 310 n5

infants and wet nurses 141, 511

inheritance: baldness 366 n2; evolution and embryology 311 & 312 n4; laws of, little known about 501; of moral tendencies 146 n2; mutilations associated with morbid action 311 & n3; of mutilations and deformities 141 & 143 n5, 161, 511 & 513 n5; supposed inheritance of effects of injury 76 & 77 n1, 78 n3, 100 & n2, 158 & n1, n2, 161, 311 & n2, n3, 312 n4, 332 & 333 n3, 466–7 & 468 nn 2–6, 473 & nn 1–3

Innes, John Brodie: CD comments on religion and science 455 & nn 1–3; on CD's qualities as naturalist xxiii, 460–61 & 461 nn 1–3; science and religion 460; sent CD E.B. Pusey's sermon (*Guardian* version) xxii, 455 & n2, 458 n1, 461 n1

insectivorous plants: W.C. Marshall's observations 398 n2

Insectivorous plants (CD): cites M. Treat 115 n2; *Dionaea*, transmitted sensitiveness 239–40 n4; *Drosera*, Australian species 208 n5; *Drosera*, benzoic acid 408 & n2; *Drosera*, boracic acid 408 n3; *Drosera*, hairs 72 n2; *Drosera*, major study of 235 n6, 520 n6; *Drosera*, transmitted sensitiveness 239–40 n4; *Drosera rotundifolia*, inflection of tentacles 207 n8; *Euphorbia* 303 n14; E. Frankland's experiments for CD 332 n10; published 363 & n3

Correspondence Project

Index

[More Information](#)

Index

735

- Insectivorous plants* US ed. (CD): sales 201
insects: and flowers 25–6 & 27 nn 1–6, 273 n3, 335 & 336 n8, n9, 361 n2, 370 n3, 371 n4, 399 & n3; insect larva adaption to environment 24–5 & 25 n1; and sensitive plants 139, 147–8, 228–9 & 229 n1, 270 & n1
instincts of animals: CD's work xxi, 238 n2, 244 n3, 472 n5; G.J. Romanes 241 & 242 n2
Institución Libre de Enseñanza (Free Institute of Education): names CD honorary professor 16–17 & 17 n2, 345 n2, 457 n2, 503 & n2, 527 n2, 531 n2
instruments: CD's work 266 & 267 n7; Jodrell laboratory 118–19 & 119 n1, n4; klinostat xix, 296, 297 & 298 n6; micro-telescope 246 & 247 n11, 266 & 267 n7; J. Sachs (laboratory) xix, 298 n6; thermograph 88 & n6; thermometer 266
Ipomoea: CD note to add to list 262 & n11
Irish elk (*Cervus megaceros*; *Megaloceros giganteus*) 369 & 370 n3
Irish greyhound pig 356 & 357 n1
Isabella longwing (*Eueides isabella*) 69 & 70 n4
Ismene 45 & 46 n5
ivy 311 n15; submerged leaves 379 & 380 n5
- Jackson, Henry 306 n12
Jäger, Gustav 469 & n4
James, William 495 & n1
Janeway, Edward Gamaliel 94 & 95 n5
Jebb, Richard Claverhouse 462
jellico (*Sium helenianum*; *Berula bracteata*) 407 n3
Jenkins, Henry Michael 90–91 & 91 n2
Jevons, William Stanley: 'On the movement of microscopic particles suspended in liquid' 193 & 194 n7
Jews: and evolution 387 & n3
Jex-Blake, Thomas William 462
Jeyes, Jeannie Frances 256 & 257 n4
Jodrell laboratory 118–19 & 119 n1, 295 n4
W. & A.K. Johnston 238 n2, 241 n3, 521 n3
Johnston, William 127 & 128 n5
Journal of researches (CD): earthquake waves 177 n1; reprint needed 454 & 455 n2
Journal of researches 2d ed. (CD): niata cattle 154 n9
Juan de Nova (Farquhar Islands) 351 & 352 n1
Judd, John Wesley: career 256 & 257 n3, n4; CD comments on geological age 258 & n4; CD sends good wishes for Judd's marriage and career 258 & n2; and T.H. Huxley 256 & 257 n3; Royal Society fellowship, CD supported 257 n3; sends M. Neumayr's paper 256 & n1, n2
Julia longwing *see* *Colaenis julia*
- Junonia lavinia* (*J. evarete*; tropical buckeye) 153 & 154 n5
Jussieu, Adrien de 66 & 67 n5, n8
- Kalisch, Isidor 438 & 439 n3
Kant, Immanuel 88 n7
Karelschikoff, S. 379 n6
Kaup, Johann Jakob 217 & 218 n5
Keeling Islands (Cocos Islands) 36 & 37 n3
Kennedy, Victor Coates 120 & 121 n2; reports on potatoes to J. Torbitt 410 & n1, 412 & 413 n2
Kerner von Marilaun, Anton: *Flowers and their unbidden guests* 360–61 & 361 n1, 449 & 450 n3, 456 & n2, n3, 488 & 489 n3; *Ledum palustre* 180 & n3
Kesteven, William Henry: CD comments on tumbler pigeons 227 & nn 1–3
Kew *see* Royal Botanic Gardens, Kew
Khan, Sher Ali 436–7 n2
kidney bean (*Phaseolus vulgaris*) 247 & 248 n2
Kingsley, William Lathrop 42 n2
Kirby, William Forsell 313 n6, n7
Kirchhoff, Gustav Robert 246 n2
klinostat xix, 296, 297 & 298 n6
knife-leaf wattle (*Acacia cultriformis*) 208 & n3
Knight, Thomas Andrew: apples 92 & 93 n3; grafting of trees 132 & n2, 136 & 137 n2; potato yields 74 & 76 n4
Kniphofia see *Tritoma*
Knockholt & Chevening Footpath Fund 221 & n1, 222 nn 2–4
knotted clover (*Trifolium striatum*) 325 & 326 n1, 326 & 327 n6
Knox, Robert Bent 122–3 & 124 n4
Kobell, Franz Ritter von: CD thanks academy for membership 324 & n1; Royal Literary and Scientific Academy of Bavaria elected CD foreign member 322 & n3, 522 & n3, 537 & 538 n1
Koch, Eduard: E. Schweizerbart'sche Verlagshandlung, director of 390 n1; informs J.V. Carus that CD or FD may be publishing on inheritance 389 & 390 n1
Koch, Robert: J.S. Burdon Sanderson showed CD Koch's photographs of bacteria 5 & 5–6 n2
Kölle, Sigismund Wilhelm 9 & n2
Königliche Preussischer Akademie der Wissenschaften (Royal Prussian Academy of Sciences): elected CD foreign associate 426–7 & 427 n1, 540–41
Kőrösy, József 183 & n2
Kósmos: 'Biographical sketch of an infant', translation published 46 & n4, 49 n5, 505 & n4, 508 n5; CD's copies of 2 n2; CD's and E. Haeckel's

Correspondence Project

Index

[More Information](#)

736

Index

- names appear in full title of 49 n5, 508 n5; C. Kraus hopes for another paper for *Kōsmos* from CD 48, 506; R. Meldola's interest in 13 n2; F. Müller, Brazilian butterflies (three-part article) 2 & n2, 4 n2; H. Müller's publications 273 n3; W. Preyer, biographical sketch of CD 450 n5
- Kovalevsky, Vladimir Onufrievich: lives in Germany 117; translated *Variation, Descent and Expression* 118 n2; visited Down (1872) 111 n2
- Kraus, Carl: asks CD for photograph of his family 49, 506; hopes for another paper for *Kōsmos* from CD 48, 506; photograph of Kraus 38, 49 & n3, n6, 504, 506 & 508 n3, n6, 507; sends birthday greetings xxii, 48 & 49 n4, 506 & 508 n4; sends greetings for name day xxii, 37–8 & 38 nn 2–7, 503–4 & 504 nn 2–7
- Krause, Ernst 450 n5
- Krauss's clubmoss (*Selaginella kraussii*; *S. kraussiana*) 31 & 36 n17
- Labrador tea (*Ledum palustre*; *Rhododendron tomentosum*) 179 n1, 180 & n3
- +*Laburnocytisus adamii* see *Cytisus adamii*
- Laburnum anagyroides* see *Cytisus laburnum*
- Lactuca* 331 & 332 n6
- Lactuca serriola* (prickly lettuce; compass plant) 331 & 332 n6
- lady's smock (cuckoo flower; *Cardamine pratensis*) 178 & 179 n4
- Lagrange, Charles Henri 263 & n2, 282 & 283 n2
- Laird, Agnes Mary 111 n1
- Lamarck, Jean Baptiste de: descent theory 315 & 316 n5; T.H. Huxley on Lamarck's use of word 'evolution' 229 n1, 232 & n2; *Philosophie zoologique* 337 & n2
- lambquarters, common (*Chenopodium album*) 415 & n7, 418 n3
- lamp-black 10 & n2; L. Darwin analyses 11 & n1, 11–12 & 12 n1
- lanceleaf anoda (*Anoda wrightii*; *A. lanceolata*) 329 n9
- lancewood (*Pseudopanax crassifolius*; horeoka) 320 n1
- land and sea: distribution of 223 & n4
- Lane, Arthur George Percy 150 & n3
- Lane, Edward Wickstead 150 & n3
- Langsdorf's crescent (*Eresia langsdorfi*; false erato) 153 & 154 n5
- Langton, Catherine: Castle Morton trust legacy 44 n1
- Langton, Charles 421 & 422 n2
- language: G.J. Romanes 375 n3
- language development 9 & n2, 9–10 n3, 10 n4; B. Darwin's 238 & n2, 248, 302 & 303 n15, 330 & n8
- Lankester, Edwin Ray 477 n4
- Laplace, Pierre Simon 88 n7
- Lapp (Sami) people 55 & n2
- Lathraea squamaria* (common toothwort) 137 & n3, 138 n5
- Lathyrus* 40 & 41 n4
- Lathyrus nissolia* (grass vetchling) 219 & n2
- Lathyrus sativus* (white pea) 40 & 41 n4
- Lathyrus setifolius* (brown vetchling) 30 & 35 n9, 41 n4
- Law, Harriet Teresa 439
- Lawes, John Bennet 82 & n2
- Lawia acuminata* see *Adenosacme acuminata*
- Lawrence, John Laird Mair, Baron Lawrence 436 n2, 462 & 463 n8
- Layton, Charles: payment to CD for US publications 200–202 & 202 n1
- leaf-mimic katydids (*Pterochroza*) 212 & n1, 236 & 237 n4
- leaves: CD's experiments on alkaline matter exuded from 461 n4; Permian leaf drawing 38 & 39 n1, 39 & 40 n5, 40 & 41 n5, 44 & n6, 58 & 60 n2, 509 & 510 n2; submerged in water 317 n10, 324 & 325 n5, 379 & 380 n5, n6
- Lecomte, Alphonse Joseph 347 & 349 n14
- Ledeganck, Kasimir: Royal Society of Medical and Natural Sciences of Brussels awards CD honorary membership 354 & n2, 527 & n2, 539
- Ledum* 178 & 179 n1, 179 & 180 n2, 180 & 180 n2
- Ledum palustre* (*Rhododendron tomentosum*; Labrador tea) 179 n1, 180 & n3
- Leersia oryzoides* (rice cutgrass) 317 & 318 n3
- Leguminosae: CD's work 289 & 290 n10, 320 & 321 n4; FD's work 290 n10, 309 & 310 n9, 320 & 321 n4; W.F.P. Pfeffer 329 n8
- Leontodon hastilis* (*L. hispidus*; bristly hawkbit) 415 n3
- Lepidodendron* 21 & n5
- Lepidoptera: W.C. Hewitson 313 & n6, n7, see also butterflies; moths
- Lesquereux, Leo: fossil plants in Silurian beds 21 & n5, 39 & n5
- lessercelandine (*Ranunculus ficaria*; *Ficaria verna*) 132 & n3
- lesser water-parsnip (*Sium thunbergii*; *Berula erecta*) 406 & 407 n3
- Lestiboudois, Thémistocle 66 & 67 n5, 67 & n8
- Lettington, Henry: given plant as a *Caladium* 249 & 250 n2; *Impatiens noli-me-tangere* 445 & n3; onions 108 & n1; *Opuntia nigricans* 225 & n3; *Oxalis corniculata* 350 & n2; *Pinus pinaster* 304 & 305 n6; praised by R.I. Lynch 43 & 44 n4
- Leveson-Gower, Frederick 204

Correspondence Project

Index

[More Information](#)

Index

737

- Lewy, Naphtali: hybridism in the Bible 196–7 & 198 nn 2–14, 516–17 & 517 nn 2–7, 518 nn 8–14; *Toldot Adam* 387 & n3
- Light, Eleanor Evelyn 421 & 422 n3
- light intensity: proportional response to 321 n9; sensitivity to 410–411 & 411 n1, 412 nn 2–4
- Ligophyllum guaiacum* 284 & 285 n4, 316 n6
- limestone beds: formation 62 & n1, 70 & n3
- Lindemuth, Hugo 478 & n2
- Linné, Carl von (Carolus Linnaeus) 138 & n3
- Linnean Society: CD attends for reading of FD's paper 17 & 18 n1, 533; 'Climbing plants' (CD) 321 n5; FD, *Drosera rotundifolia* paper 17 & 18 n1, 21 n2, 186 n2, n3, 193 & 194 n4, n5, 533; R.I. Lynch, *Pachira aquatica* 199 n5, 212 n2; R.I. Lynch, papers in *Journal of the Linnean Society (Botany)* 464 & n1; J. Murie, assistant secretary 194 n5, 267 n2; W.K. Parker, fellow of 19 n2
- Linum* 23 & 24 n12, 195 & 196 n2
- Linum lewisii* 62 n5, 171 n4
- Linum perenne* (blue flax; *L. sibiricum*): CD's experiment suggestion 61 & 62 n5; CD's observations 23 & 24 n11, 61 & n4, 62 n5, 171 n3, n4, 195 n1, 196 nn 2–4; A. Gray 43 n9, 62 n5; F. Hildebrand 23 & 24 n11, 195 & 195–6 n1; J.D. Hooker 61, 171 n4; T. Meehan xxiii, 23 & 24 n11, 43 n9, 61 n4, 62 n5, 170–71 & 171 n3, n4
- Linum sibiricum* see *Linum perenne*
- Lister, Joseph: CD suggests experimenting with benzoic acid on bacteria 408 & nn 1–3
- Listera*: CD's interest in 388 & n2
- Litchfield, Henrietta Emma: attended FD's lecture 'Self-defence among plants' 445 & n6; E.L.A. Bristow writes to 111 & n1, n2, 117 n5, 141 n5; Bryanston Street, London home 534 & 535 n10; CD's daughter 475 n2; CD's will 490 & n2; Elizabeth Darwin visits 267 n4; Emma Darwin writes to about Down House well 489 n2; Darwins' visit (27 Feb–5 Mar) 63 n2, 78 & n2, 79 & n2, 84 & n6, 88 n7, 89 n1, 96 n2, 98 n2, 99 n1, 100 n1, 113 n2, 534 & 535 n10; Darwins visit (19–27 Nov) 419 n4, 440 & 441 n1, 444 & n1, 445 n4, 446 n4, 447 n7, 448 n3, 450 n1, 453 n4, 455 & n4, 464 n3; Darwins' visits to xxvi, 534 & 535 n10; visited Shrewsbury 111 n1
- Litchfield, Richard Buckley: attended FD's lecture 'Self-defence among plants' 445 & n6; Bryanston Street, London home 534 & 535 n10; Darwins visit (27 Feb–5 Mar) 88 n7, 89 n1, 96 n2, 98 n2, 534 & 535 n10; Darwins visit (19–27 Nov) 445 n4, 446 n4, 447 n7, 448 n3, 453 n4, 464 n3; Darwins' visits to xxvi, 534 & 535 n10; health 41 & n6, 54 & n4; siren seen at J. Tyndall's lecture 464 & n3
- lithium method for transpiration rates in plants 331 & 332 n4
- Little, James Lawrence 94 & 95 n5
- Living Cirripedia* (CD) 168 n4, 515 n4
- Lockyer, Joseph Norman: CD sends A.F. Gray's letter 209–210 & 210 n2, n3
- London Institution: FD, lecture 'Self-defence among plants' 445 n6, 449 & 450 n3; FD, lecture 'The analogies of plant and animal life' 88 n10, 139 & 140 n1, 193 & 194 n6, 271 n4
- London water quality report 461 n2
- Longman & Co. 237, 241 n3, 521 n3
- Lonicera periclymenum* (common honeysuckle) 247 & 248 n2, 263 & n4
- Loocoflicepta 163 n2
- Lotus 56
- Lotus gebelia* 297 & 298 n3
- Lotus jacobaeus* (black-flowered lotus) 380 & n10
- Lubbock, Ellen Frances: CD thanks for her article about his work in natural history 303 & nn 2–4; home 21 n3
- Lubbock, John: home 21 n3; paper discussed at Entomological Society 134 & n2; A.R. Wallace's application for Epping Forest superintendent 386 & n2
- Ludwig, Friedrich: CD comments on *Plantago* 219–20 & 220 n1, 220 nn 2–4; *Plantago lanceolata* 219–20 n1, 220 n2, n3
- luminosity 377 & n4
- lunar gravity 424 & 426 n2, 428 n3
- Lycorea* 69 & 70 n7
- Lyell, Charles: correspondence of 128–9 & 129 n1
- Lyell, Henry 486 n2
- Lyell, Katharine Murray 128–9 & 129 n1, 485 & 486 n2
- Lynch, Richard Irwin: *Arachis hypogaea* 208 & n11; assistance to CD 44 n4, 185 n4, 414, 463 n3, 464; assists FD at Kew 378 & 379 n3; Cactaceae 184 & 185 n4, 206; Cambridge Botanic Garden, curator 418 & n5; Cambridge Botanic Garden, curatorship application 463 & n2, 464 & n2; CD requests Cactaceae seeds 206; CD requests *Cycas* seedlings 184 & 185 n4; CD sends thanks for help (via W.T. Thiselton-Dyer) 206 & 207 n3, 304 & 305 n3; CD's testimonial on behalf of Lynch 463 & n2, n3, 464 & n1, n2; comment on H. Lettington's work 43 & 44 n4; dealing with CD's requests 187 & 188 n1; *Mimosa pudica* 140 n3; *Pachira aquatica* paper 199 n5, 211 & 212 n2; papers in *Journal of the Linnean Society (Botany)* 464 & n1; plant movement work

Correspondence Project

Index

[More Information](#)

738

to help CD 44 n4, 185 n4, 414; Royal Botanic Gardens, propagating department foreman 44 n4, 185 n4, 188 n1, 207 n3, 208 n11, 295 n5, 415 n4, 463 n3; *Thalia* 294 & 295 n5

Lyon, George Lewis 439

lysinnia tigerwing (*Mechanitis lysinnia*) 69 & 70 n4

Lythrum: CD's interest in 388 & n2

Lythrum salicaria: 'Three forms of *Lythrum salicaria*' 318 n3

McLennan, John Ferguson: visits Down 269 & 270 n2, 273 & 274 n3, 534

McNab, William Ramsay 252 & n7

Mahonia 311 n15

maize *see Zea mays*

Mallet, Robert: earthquake dynamics 213 & n2

mallow (*Malva*) 415 n3

Malpighi, Marcello 66 & 67 n3, n8

Malthus, Thomas Robert: population growth 432 & 435 n2

Malva (mallow) 415 n3

Malvaceae 329 n5, 329 & 330 n4

mamani (*Edwardsia chrysophylla*; *Sophora chrysophylla*) 284 & 285 n4

Mamestra brassicae (cabbage moth) 247 n10

Manners, Charles Cecil John, 6th duke of Rutland 204 & 205 n4

Mantegazza, Paolo 434 & 435 n11

Maranta: CD's observations 304 & 305 n3, 305; F. Delpino 302 n6, 305

Maranta zebra (*Calathea zebra*; zebra-plant) 295 n7, n9

Marantaceae (arrowroot) 294 & 295 n6, 305 n2, 315 & 316 n6

Marchantia (liverworts) 261 & 262 n6, 327 & 328–9 n2

Mariosousa 285 n5

maritime pine (*Pinus pinaster*) 242 & n2, 305 n6, 326 & 327 n3

Marsh, Othniel Charles: career 281 n3; CD confirms visit to Down 272 & n1; CD invites to Down 269 & 270 n1, n2; CD returns photographs 291 & n2; fossil horses 354 & 355 n4; T.H. Huxley asks CD if Marsh may visit him 269 & n1, 270 n1; photographs of CD 280 & 281 n2, 291 & n2; visits Down 272 & n1, 281 n2, 291 & n3, 534

marsh valerian (*Valeriana dioica*) 3 n5, 22 & 24 n6, 42 & 43 n3

marsh violet (*Viola palustris*) 26 & 27 n4

Marshall, Sarah 439

Marshall, William Cecil: CD thanks for plant 399 & n2; extension to Down House 399 & n3;

Index

insectivorous plants observations for CD 398 n2; *Pinguicula* 397–8 & 398 n3, 399 & n2; sends plant he thinks is insectivorous 397 & 398 n2

Martineau, James 438 & 439 n3

Maskeleyne 230 & 231 n4

Masters, Maxwell Tylden: *Gardeners' Chronicle* editor 295 n8, 544 n1

mastodons 347 & 349 n7

Mather, William 204

Matthews, Washington 9 & 10 n4

Matthiola 45 & 46 n3

Max, Gabriel: asks CD about A.R. Wallace 491, 532; recounts dream encounter with CD (after reading Wallace) 490–91 & 491 n2, n3, 531–2 & 532 n2, n3

mayflower (*Epigaea repens*; ground-laurel) 24 n6, 43 n4

Mayor, Joseph Bickersteth 462

meadow buttercup (*Ranunculus acris*) 203 & n1, 204 n2, 210–211 & 211 n3, 218 & 219 n1, 293 & n4

Meadows, Alfred 359 & 360 n3, n4, 364 n3, 374 & 375 n3

Mechanitis lysinnia (lysinnia tigerwing) 69 & 70 n4

Medicinisch-Naturwissenschaftliche Gesellschaft zu Jena (Medical and Natural Sciences Society of Jena): elected CD honorary member 24 & n1, 536–7

medusae: G.J. Romanes 163 & 164 n4, 238 n3, 244 & n3, 377 & n4, 401 n2

Meehan, Thomas: CD differs with xxiii–xxiv, 23 & 24 n11, 43 n7, 61 n4, 62 n5, 195 & n1, 196 nn 2–4; CD responds to Meehan's letter xxiv, 195 & n1, 196 nn 2–4; *Cross and self fertilisation*, review 43 n7; A. Gray comments on 42 & 43 n7, n9; Gray wrote to 171; Gray's review of *Forms of flowers* 62 n5; *Linum perenne* 23 & 24 n11, 43 n9, 61 n4, 170–71 & 171 n3, n4; published letter, *Bulletin of the Torrey Botanical Club* 24 n11, 61 n4, 171 n3, 195 n1, 196 n3; sends T.F. Wood's paper on insectivorous plants 170 & 171 n2; writes to CD on *Linum perenne* after hearing from A. Gray 170–71 & 171 n3, n4

Megaloceros giganteus see Cervus megaceros

Megatherium 347 & 349 n7

Meldola, Raphael: asks CD to ask if FD would give a biological lecture 477 & n5; asks to visit CD 417 & 418 n3; career 177 & 178 n1, 420 & n2; CD asks for identification of insect shown in enclosed photographs sent by O. Zacharias 165 & n1, n2, 200 & n4; CD comments on beetles in *Cassia neglecta* seeds sent by F. Müller 199–200 & 200 n3, 215–16 & 216 n1; CD declines proposed membership for FD of

Correspondence Project

Index

[More Information](#)

Index

739

- Entomological Society 7 & n2; CD offers to lend *Kösmos* (Dec 1877) issue with F. Müller's article 2 & n2; CD offers A. Weismann's essay on daphnoids 236 & n2; CD on petunia 317 & n2; CD on *phyletische* terminology 487 & n1, n2; CD reports FD declines invitation to lecture 487 & n3; CD sends his photograph 135; CD sends *Kösmos* issue 7 & n1; CD thanks for card and says not to take any more trouble 207 & n1; CD thanks for 'Entomological notes bearing on evolution' 52 & 53 n1; CD thanks for Entomological Society meeting report and asks Meldola to send copy to F. Müller 135 & n1, 144 & 145 n2; CD thanks for A. Weismann's essay received 317 & n3; CD welcomes visit 419 & n4, 440–41 & 441 n1; comments on beetles in *Cassia neglecta* seeds sent by F. Müller 212 & n3; Entomological Society of London, secretary 4 n6, 202; exhibited beetles (in seeds sent to CD by F. Müller) at Entomological Society 203 n3, 212 & n3; exhibited insect photographs (sent to CD by O. Zacharias) at Entomological Society 165 n2, 177 & 178 n2, 236 & 237 n4; interest in *Kösmos* 13 n2; mimicry 177; F. Müller receives Meldola's entomological notes on evolution from CD 152 & 153 n1; F. Müller's curious Lepidoptera case sent to Meldola by CD 317 n4, 318 & n4; F. Müller's *Hedychium* specimen 237 & n5; F. Müller's *Kösmos* (Dec 1877) article, Meldola accepts CD's loan offer 4 & n2; F. Müller's 'Notes on Brazilian entomology' 152 & 153 n1, 200 n2, 203 n1, 213 n4, 216 & n2, 236 & 237 n2; reports on O. Zacharias's insect photographs 212 & n1; requests CD's photograph and autograph 134; returns *Kösmos* issue 24 & 25 n1; sends identification of insects (O. Zacharias's photographs of) 207 n1, 212 & n1; thanks for insect photographs and will identify and exhibit 177 & 178 n2; visited CD in London 419 n4, 451 & 452 n5, 534; will borrow A. Weismann's essay on daphnoids 236 & 237 n1, 317 n3; will visit CD in London 420; wishes to propose FD for membership of Entomological Society 4 & n6, 7 n2, *see also* Müller, Fritz (letters to CD forwarded to R. Meldola); Weismann, August (*Studien zur Descendenz-Theorie* translated by R. Meldola)
- Meldola's blue 452 n4
 Mellersh, Arthur 422 & n4
Melocactus 206 & 207 n4
Menispermum (moonseed) 327 & 329 n3, 330 n2, 331 n2
Menobranchnus 309 & 310 n12
- Menyanthes trifoliata* (common bog-bean) 334 & 336 n2
 Mer, Émile 316 & 317 n10, 324 & 325 n5; submerged leaves 379 & 380 n5
 mercury micrometer 245 & 247 n9
 merino sheep 7–8 & 8 n2, n3
 Mesia, Jacinto: Institución Libre de Enseñanza named CD honorary professor 16–17 & 17 n2, 503 & n2
 methodical selection 459 & 460 n6
 Micheli, Marc 292 & 293 n2
 Michels, John: alleged discovery of fossil man in Colorado 95 & 96 n11; chimpanzee brain anatomy 94–5 & 95 nn 1–7, 96 nn 8–10
 micro-telescope 246 & 247 n11, 266 & 267 n7
Micropogonias furnieri (whitemouth croaker) 215 n1, n2
 Middleton, Robert Morton: *Conurus guianensis* (*Psittacara leucophthalmus*; white-eyed parakeet) xxi, 414 & n1
 mildew 84 & n5, 92 & 93 n3, 106 & 108 n9
 Miliarakis, Spyridon: translated 'Biographical sketch of an infant' 46 & n4, n5, 505 & n4, n5
 Mill, John Stuart 432 & 435 n2
 Miller, G.A. 135 & n2
 Miller, Philip 30 & 35 n6
 Milnes, Richard Monckton, Baron Houghton 462 & 463 n7
 mimicry: R. Meldola 177; F. Müller 177 & 178 n4
Mimosa (sensitive plants): CD asks F. Müller to observe in rain and hot weather 13 & n5, 153 n2; CD's observations 379; characteristics of plants 271 n2; genus of sensitive plants 140 n3; and insects 139, 147–8, 228–9 & 229 n1; F. Müller 152 & 153 n2, 200 n2, 202 & 203 n2; pulvini 316 n7; J.I. Rogers 139 & 140 nn 1–4, 147–8 & 148 n1, n2, 228–9 & 229 n1, 270 & n1, 271 n2, n3; sleep in 140 n1, 284 & 285 n4
Mimosa albida 208 & n4
Mimosa farnesiana (*Vachellia farnesiana*; sweet acacia) 245 & 246 n6
Mimosa pudica (shame plant; sensitive plant): flowers 271 n3; J.I. Rogers 148 n2, 228–9 & 229 n1, 270 n1
Mimosa pudica (shame plant; sensitive plant; CD's work): cotyledons 140 n3; experiments on leaves 229 n1; *Movement in plants* 73 n4, 140 n3, 229 n1; splitting of seed coat 73 n4; used for most experiments for *Movement in plants* 140 n3
 Miocene 406 & 407 n4
Miohippus 230 & 231 n3
 Mirbel, Charles François Brisseau de 66 & 67 n3, n8

Correspondence Project

Index

[More Information](#)

740

Index

- mistletoe (*Viscum album*) 490 n6
 mistletoe cactus (*Rhipsalis cassytha*; *R. baccifera*) 206 & 207 n5
 Mitra, K.N. 439 & 440 n6
 modified circummutation 288, 301, 321 n5, n6
 Mojsisovics von Mojsvár, Edmund: CD comments on first chapter of *Dolomit-Riffe* xxii, 222–3 & 223 nn 1–4, 228 n1, n4; *Die Dolomit-Riffe von Südtirol und Venetien* xxii, 171 & 172 n1, 222–3 & 223 n1, n4, 228 & n1, n2, n4; ‘Kleine Beiträge zur Kenntniss der Anneliden’ 258 & n4; sends publications xxii, 171–2 & 172 nn 1–3; thanks for CD’s comments 227–8 & 228 nn 1–4
 Möller, Alfred: *Fritz Müller: Werke, Briefe und Leben* 312 n1, 521–2 n1
 molluscs 167 & 168 n6, 514 & 515 n6
 Mommsen, August 540 & 541 n2, 541 & n2
 monkeys: A.D. Bartlett suggested by CD for advice on 375 & n4, 377 & n1; CD compares intellectual ability of monkey and B. Darwin (eyeglass case) 365 & n8, 372 n4; CD wonders if G.J. Romanes has thought of keeping xxi, 365; FD suggests Romanes keeps one (and an idiot, a deaf-mute and a baby) xxi, 375 & n5, 377 n3; A. and M. Hobhouse keep 365, 375 & n6; Romanes has thought of keeping 371 & 372 n4, 375 n4
 Montero Ríos, Eugenio: Institución Libre de Enseñanza named CD honorary professor 16–17 & 17 n2, 503 & n2; speech sent to CD 457 & n3, 531 & n3
 moon: lunar gravity 424 & 426 n2, 428 n3; orbital period 416 n3
 moonseed (*Menispermum*) 327 & 329 n3, 330 n2, 331 n2
 Moore, Norman 41
 Moore, Spencer Le Marchant 31
 Moore, William James 227 n2, n3
 moral sense: *Descent* 435 n5
 Morocco 268 & 269 n5, 402 & 403 n9
 morphological features: C.W. von Nägeli 470 n3
 Morren, Édouard 379 n6
 mosaic darner dragonflies (*Aeshna*; hawker dragonflies) 429 & 430 n3
 Moschkau, Alfred: CD comments on his observations 146 & n1, n2; congratulates CD on Cambridge honorary degree 141 & 143 n2, 511 & 512 n2; sends various observations xxi, 141–3 & 143 nn 2–9, 511–12 & 512 n2, n3, 513 nn 4–9
 Moseley, Henry Nottidge: asks to dedicate his *Challenger* book to CD 449 & n1; CD comments on Moseley’s work 453 & n3; CD thanks for proposed dedication 453 & n2; orchid specimen 188 & n5; visited Down (1876) 453 n3
 moss campion (*Silene acaulis*; cushion-pink) 335 & 336 n4, n6
 moth-vine, common *see Araujia sericifera*
 moths: A.B. Farn 440 & n1, n2; F. Müller, ‘Notes on Brazilian entomology’ 152 & 153 n1, 200 n2, 203 n1, 213 n4, 216 n2, 236 & 237 n2; odoriferous 152; *Origin* 6th ed. 376 n4
 Mott, Alexander Brown 94 & 95 n5
 moulds: CD on heliotropism in 306 & 307 n6, 320 & 321 n10, 330 n3; J. Sachs 315 & 316 n2, 327; W.T. Thiselton-Dyer 187–8 & 188 n2, n3, 321 n10; S.H. Vines 187 & 188 n3, 307 n6
 mountain wood sorrel (*Oxalis montana*; *O. acetosella*; wood sorrel) 26 & 27 n6, 284 & 285 n4, 295 & 298 n3
 movement in plants: W.F.P. Pfeffer 329 n8, 414 & 415 n3; J. Sachs xix, 275 n2; terminology 42 & 43 n4
 movement in plants (CD’s work): acids, application of 279 & 280 n3; CD comments on to F. Müller 317; CD reports on to FD 239 & n3, n4, 379–80 & 380 nn 7–10; CD speculates on generalised view of 306, 317; CD thanks W.T. Thiselton-Dyer for all his help 445–6 & 446 n3; CD works on xvii, 213 & 215 n6, 338 n4, 391 n2, 422 & 423 n4, 533; CD works on with FD xvii, xix, 12 & 13 n4, 22 & 24 n8, 52 & n3, 54 & n6, 144 & 145 n5, 188 & n4, 229 n1, 239 n2, 388 n2, 388 & n1, 415 & n6, 445–6; *Cyclamen persicum* 65 & n5, 154 & n3; epinastic or hyponastic movement 381 & 383 n4; evolution principles 306; experimental work almost finished 415 & n6; experiments to exclude light 10 & n2; experiments with water 259 n2; fir trees 242 & n2; A. Gray encourages CD’s work on 42 & 43 n5; lamp-black and spermaceti ointment mixture used 10 & n2; leaves submerged in water 317 n7, 324 & 325 n5, 379 & 380 n6; R.I. Lynch, experimental work for CD 185 n4; Lynch supplied plants for experimental work 185 n4; *Mimosa albida* 208 n4; *Pinus pinaster* 242 & n2, 305 n6, 326 & 327 n3; *Pisum sativum* 238 & 239 n5, 262 n11; requests plants or seeds from Thiselton-Dyer 414–15 & 415 n2, n7; *Trifolium repens* 373 & 374 n4; *Tropaeolum* 326 & 327 n5; *Vicia faba* 185 n5, 262 n9, 274 n4, *see also* apogeotropism; *Arachis hypogaea*; *Bignonia capreolata*; burying of seeds; circummutation; climbing plants; cotyledons; geotropism; heliotropism; *Movement in plants*; movement in plants (FD’s work); *Oxalis*; *Oxalis* species; plumule; pulvini;

Correspondence Project

Index

[More Information](#)

Index

741

- roots; seedling plants; sleep in plants; stomata; *Thalia dealbata*; twiners and tendrils
- movement in plants (FD's work): *Adenanthera pavonina* 322 n13; *Movement in plants* (CD), FD assisted CD with work for 52 n3, 54 n6, 229 n1, 388 n2; *Oxalis tropaeoloides* 446 & 447 n3, 448 & 449 n4, 450 & n6; *Trifolium strictum* 445 n2, 448 & 449 n5; *Trifolium subterraneum* 446 & 447 n3; works on with CD xvii, xix, 12 & 13 n4, 22 & 24 n8, 52 & n3, 54 & n6, 144 & 145 n5, 188 & n4, 229 n1, 239 n2, 388 n2, 388 & n1, 415 & n6, 445–6, *see also* movement in plants (CD's work); *Movement in plants* (CD)
- Movement in plants* (CD): *Aesculus hippocastanum* 330 n6; *Ampelopsis tricuspidata* 383 n4; apogotropism 383 n5; cabbage radicle 57 n4; Cactaceae xvii, 207 n4; *Caladium esculentum* 250 n3, 259 n2; *Cassia* 138 n6, 146 n3; *Cassia pubescens* 146 n3; *Cassia tora* 203 n4, 318 n1; CD works on with FD 24 n8, 52 n3, 54 n6, 229 n1, 388 n2, 445; *Cereus speciosissimus* 35 n13; cites J. Sachs 275 n2; cites E. Stahl 316 n4; cites H. de Vries 321 n7; cites W.C. Williamson 391 n3; *Cycas pectinata* 84 n7; *Cyclamen persicum* 35 n3, 65 n5; G.H. Darwin helped with illustrations 276 n3; *Desmodium gyrans* 140 n4; *Drosera* 379–80 & 380 n7; *Echinocystis lobata* 307 n4; engravings, J.D. Cooper 481 n1, 483 n2; fern 36 n24; freezing temperatures, effects on leaves of 138 n5; geotropism 119 n5; glass tubes 378 n2; grasses, cotyledons 267 n9; heliotropism 383 n5; *Lathraea squamaria* 137 n3, 138 n5; R.I. Lynch assisted CD with observations for 44 n4; maize 274 n3; *Mimosa pudica* 73 n4, 140 n3, 229 n1; *Mimosa pudica*, used for most experiments 140 n3; *Oxalis* 57 n2, 402 n3; *Oxalis carnosus* 374 n4, 383 n3; *Oxalis corniculata* 267 n8; *Oxalis rosea* 239–40 n4; *Oxalis tropaeoloides* 447 n3; *Pinus pinaster* 242 n2; *Pisum sativum* 239 n5; published 13 n4, 24 n8, 180 n5, 215 n6, 395 n2, 415 n6; pulvini xviii, 267 n8, 445 n2; radicles 105 n2; radicles, sensitivity of apex xviii, 185 n8, 276 n3; *Selaginella kraussii* 36 n17; *Sida rhombifolia* 330 n4; sleeping plants, list of 262 n11, 289 n2; *Smithia pflundii* 383 n4; *Stapelia sarpedon* 243 n8, 249 n2; *Strephium floribundum* 243 n8; terminology 43 n5, 55 n2, 246 n2, 306 n12; *Thalia dealbata* 276 n4; W.T. Thiselton-Dyer's help acknowledged 446 n3; *Trifolium repens* 374 n4; *Trifolium resupinatum* 449 n5; *Trifolium strictum* 445 n2, 449 n5; *Trifolium subterraneum* 322 n12, 447 n3; *Tropaeolum majus* 330 n6; twiners and tendrils 321 n6; *Vicia faba* 185 n5, 274 n4
- Movement in plants* German ed. (CD): J.V. Carus translated 395 n2
- Müller, Anna 272 & 273 n1
- Müller, Emma 272 & 273 n1
- Müller, Fritz: *Anaea* 318 n4; 'Beobachtungen an brasilianischen Schmetterlingen' (*Kösmos* article) 2 & n2, 4 n2, 25 n1; butterflies, Brazilian 2 & n2, 4 n2, 69 & 70 nn 3–7, 152–3 & 154 n5, n7, 237 n2, 368 & n3; butterflies, odoriferous 69 & 70 n6, n7, 152 & 154 n3, n4, 165 & n4; career 154 n9; *Cassia neglecta* seeds sent to CD contained beetles 199–200 & 200 n3, 202 & 203 n3, 212 & n3; *Cassia* seeds sent by 202 & 203 n4, 312 & n2, 318 n1, 368 & n3, 521 & 522 n2; caterpillars 153 & 154 nn 5–7, 312 & n3, 318 n4, 368 & n3, 521 & 522 n3; CD asked R. Meldola to send Müller Entomological Society Proceedings with Müller's letter extracts 135 & n1, 144 & 145 n2; CD asks Müller for plant observations 13 & n5, 153 n2, 202; CD comments on cleistogamic grasses 317 & 318 n3; CD comments on his own work 12 & 13 n4, 317; CD comments to H. Müller on F. Müller's recent papers 3 & n6; CD gives Meldola permission to use Müller's letter to CD (27 Nov 1877) 12 n1; CD on Müller's work 13, 202, 369; CD reports he is working with FD on biology of seedling plants 144–5 & 145 n4, n5; CD reports on *Pontederia* 145 & n6, 202 & 203 n5; CD sends payment for sales of *Facts and arguments for Darwin* 400 & n2, n3; CD thanks for 1877 (27 Nov) letter (flower colours and Lepidoptera) 12–13 & 13 nn 1–5; CD thanks for 1878 (20 Feb) letter (Lepidoptera) and will send it to Meldola 144 & 145 n1; CD thanks for earthworms observations 12 & 13 n1, 317; CD thanks for *Pontederia* seeds 12 & 13 n3; CD thanks for seeds some of which he passed on to J.D. Hooker 317 & 318 n1; *Für Darwin* (*Facts and arguments for Darwin*; translated by W.S. Dallas) 400 n2, n3; grass 43 & 44 n2; *Hedychium* and sphinx-moth 237 & n5; home 70 n4, 312 n3, 522 n3; letters to CD written in English 312 n1, 521 n1; R. Meldola's entomological notes paper includes extracts from Müller's 1871 letter to CD 53 n1; mimicry 177 & 178 n4; *Mimosa* 152 & 153 n2, 200 n2, 202 & 203 n2; A. Möller, Fritz Müller: *Werke, Briefe und Leben* 312 n1, 521–2 n1; 'Notes on Brazilian entomology' 152 & 153 n1, 200 n2, 203 n1, 213 n4, 216 n2, 236 & 237 n2; spiders 369 & n1; thanks for Meldola's entomological notes on evolution 152 & 153 n1; 'Ueber Haarpinsel, Filzflecke und ähnliche Gebilde auf den

Correspondence Project

Index

[More Information](#)

742

Index

- Flügel männlicher Schmetterlinge' 165 & n4; *Viola* 69 & n2, *see also* Müller, Fritz (letters to CD forwarded to R. Meldola)
- Müller, Fritz (letters to CD forwarded to R. Meldola): 1871 letter, extracts published 4 & n4, 53 n1; 27 Nov 1877 letter, CD permits Meldola use of 12 & n1; 27 Nov 1877 letter, extracts read by Meldola at Entomological Society 13 n2, 25 n2, 134 n1; 27 Nov 1877 letter, Meldola published extracts from 134 & n1, 135 n1; 27 Nov 1877 letter, Meldola thanks CD for permission to use 25 & n2, 134 & n1; 20 Feb 1878 letter, CD sends to Meldola 144 & 145 n1, 165 & n3; 20 Feb 1878 letter, Meldola comments on 177 & 178 n4; 20 Feb 1878 letter, Meldola made copy of 70 n8, 144 n1; 5 Apr 1878 letter, CD sends to Meldola 199 & 200 n2, 202 & 203 n1; 5 Apr 1878 letter, Meldola publishes enclosure from 199 & 200 n2; CD sends Müller's curious Lepidoptera case to Meldola 317 n4, 318 & n4; CD tells Müller of permitting Meldola's use of Müller's letters 12 & 13 n2, 144 & 145 n2; Meldola and CD correspond about Müller's 1877 letter extracts 12 & n1, 13 n2, 25 & n2, 134 & n1, 135 & n1
- Müller, Hermann: *Alpenblumen, ihre Befruchtung durch Insekten* 399 n3; Alpine flowers and insects 399 & n2, n3; *Die Befruchtung der Blumen* 54 & 54–5 n2, 56 & 57 n1, 371 n4, n5; *Die Befruchtung der Blumen*, English translation published as *Fertilisation of flowers* (with preface by CD) 370 & 371 n5, 399 n1; W. Behrens on work of 370 & 371 n4; career 399 n2; CD advised on *Viola tricolor* crossing experiments 273 n2; CD comments on Müller as observer 219; CD comments on Müller's perianths article 3 & n3, n5; CD on his own interest in fertilisation of plants 388 & n2; CD thanks for review of *Forms of flowers* 3 & n2; *Cirsium arvense* 26 & 27 n3; cited in *Forms of flowers* 2d ed. 3 n4, n5, 43 n3; A. Dodel-Port's botanical atlas 234, 235, 240, 519, 520; *Erythraea centaurium* 335 & 336 n7; *Forms of flowers*, review 3 & n2, n5, 543; *Geum rivale*, T. Whitelegge's observation 173 n2; inconspicuous flowers 220 n3; 'Die Insekten als unbewußte Blumenzüchter' 273 n3; *Maranta zebra* 295 n9; pollination theory 370 & 371 n4; sends seeds collected by F. Müller 272 & 273 n1; *Senecio vulgaris* 26 & 27 n5; *Silene acaulis* 336 n6; thanks CD for help with translation of his book 398 & 399 n1; *Viola tricolor* 272–3 & 273 n2; A.S. Wilson refers to 335 & 336 n3
- Müller, Hugo 403 n4
- Mumbo Jumbo 347 & 349 n8
- muntjac deer 376 n4
- Murie, James: FD's *Drosera rotundifolia* nutrition paper 193 & 194 n5, 266 & 267 n2, 267; Linnæan Society, assistant secretary 194 n5, 267 n2
- Murray, Andrew 310 n12
- Murray, John: advertised new works by CD in *Nature* 363 n3; CD comments on his book sales 400 & n3; CD sends cheque for presentation copies 400 & n2; sale dinners (November) 78 & n3, 454–5 n1
- musical perception 350 & n1, n2
- musk duck (muscovy duck; *Cairina moschata*) 374 & 375 n4
- mussel (*Unio complanatus*; *Elliptio complanata*; eastern elliptio) 181 & n5, 210 n3
- Mutisia clematis* 490 n4
- Myers, Arthur Thomas 6 & 7 n2
- Myers, Frederic William Henry 6 & 7 n2
- Myers, Joel A. 135 & n2
- Mygale* 309 & 311 n14
- Mygale stridulans* (*Chilobrachys stridulans*) 4 & n5
- mygalomorph spiders 309 & 311 n14
- Nägeli, Carl Wilhelm von 233 & 235 n5, 234, 519 & n5; CD comments to C.G. Semper on morphological features 469–70 & 470 n3; perfectibility principle 315 & 316 n3, 470 n3
- Nash, Louisa Ahmuty 145 & n2, 220 & n2, n3
- Nash, Wallis: CD thanks for book dedication 145 & n1, n2, 220 & nn 1–3
- nasturtium (*Tropaeolum majus*) 329 & 330 n6
- nasturtiums (*Tropaeolum*) 326 & 327 n5
- Nathusius, Hermann Engelhard von 8 & n4
- National Academy of Sciences (Argentina; Academia Nacional de Ciencias): elected CD honorary member 539–40
- native peoples: Tierra del Fuego 423 n2, 427
- natural history: CD comments on his work encouraging in others a taste for natural history 453; Germany 431
- natural sciences: CD on his work encouraging a few Serbians towards natural sciences 50 & 51 n5
- natural selection: G. Allen 116; W. Behrens 412 & n3; J. Delboeuf 365 n5; G.A. Gaskell 432, 433, 443; human development 435 n5; T.H. Huxley 25 n4; C.W. von Nägeli 470 n3; T.T. Sherlock 156; H. Spencer 435 n4
- natural selection (CD comments on): P. Greg's design chapter, response to 501 & n7; movement in plants 306; E.B. Pusey's sermon, response to 458; and religious belief 112 n2;

Correspondence Project

Index

[More Information](#)

Index

743

- role in human development 435 n2, n5; A.R. Wallace as co-discoverer of theory of evolution by natural selection 82 n4
- Natural selection* (CD): instincts of animals 238 n2; species book (second part) published as *Charles Darwin's Natural selection* (1975) xxi, 242 n2, 243 n2, 244 n1
- natural theology 471–2 & 472 n4
- naturalists: younger naturalists continue spirit of CD's work xxi–xxii, 47, 595
- Nature*: G.D. Campbell publishes CD's letter on species 395 n1; CD sends issues to FD while he is in Germany 248 & n2, 276 & n5, 289 & 290 n8, 292 & 293 n3; T.F. Cheesman, letter sent to *Nature* by CD 294 n1; A.H. Church, vegetable albinism 295 n4; F. Darwin, 'The analogies of plant and animal life' 140 n1, 193 & 194 n6, 271 n4; F. Darwin, *Drosera rotundifolia* paper summarised 186 & n2, 193; G.H. Darwin, 'On the bodily tides of viscous and semi-elastic spheroids, and on the ocean tides upon a yielding nucleus' (abstract) 293 n3; *Forms of flowers*, review 154 & n1; F. Galton, 'Composite portraits' 213 & 215 n2; A.F. Gray, letter sent to *Nature* by CD 181 n1, n3, 209 & n1; E. Haeckel, 'The present position of the evolution theory' 150 n2; S. Haughton, 'Physical geology' 173 n1, n2; J.D. Hooker, presidential address to Royal Society 484 & 485 n2; C.H. Lagrange, report of work 263 & n2; R.I. Lynch, *Puchira aquatica* paper summarised 199 n5; F. Müller's copies of 153 & 154 n8; J. Murray advertised new works by CD in *Nature* 363 n3; published weekly 154 n8; S.B.J. Skertchly, Palaeolithic flint implements discovery, 80 & 82 n3; R.C. Virchow, address on liberty of science in the modern state 150 n2; T. Whitelegge, gynodioecious plants 295 n1
- Nature* (CD's letters): G.D. Campbell publishes CD's letter on species 395 n1; cross-breeding Chinese and common European geese 367 n3; on E. Dupuy's observations confirming C.E. Brown-Séguard's results 311 n2; transplantation of shells 210 & nn 1–3
- Naudin, Charles Victor 409 & n2, 528 & 529 n2
- Navarino Island 427 & 428 n2
- nebular hypothesis 87 & 88 n7
- nectarines (*Prunus persica*) 394 & 395 n2
- Neottia nidus-avis* (bird's-nest orchid) xviii, 137 & n2
- Nepeta glechoma* (*Glechoma hederacea*; ground ivy) 25–6 & 27 n1
- Neptunia oleracea* (water mimosa) 271 n3
- Neumayr, Melchior: career 256 & n2; CD mentions to C.G. Semper 470 & n5; and C.M. Paul, *Die Congerien- und Paludinschichten Slavoniens und deren Faunen: ein Beitrag zur Descendenz-Theorie* 223 & n3, 258 & n3, 500 & 501 n4; 'Ueber unvermittelt auftretende Cephalopodentypen im Jura Mittel-Europa's' 256 & n1
- Nevill, Dorothy Fanny: CD will call on when in London if possible 63 n2
- Newcomb, H.L. 181 & n4
- Newton, Alfred 483–4 & 484 n1
- Newton, Francis Milner 255 & 256 n17
- Newton, John 347 & 349 n9
- niata cattle 153 & 154 n9
- Nicholson, Edward Williams Byron 129 & 131 n4, 130
- Nicholson, George 294 & 295 n6, 304 & 305 n2
- Nicols, Arthur: rats gnaw lead water pipes 18 & 19 n1, n2
- Nicotiana glauca* (tree tobacco): CD sends seeds to Kew 248 & 249 n6; CD will send seeds to Kew 208 & n9; FD's observations 448 & 449 n3
- Nicotiana rustica* (Aztec tobacco; wild tobacco) 415 n3
- noble natures: development of 156–7 & 157 n2
- Noel, Gerard James 225 n7, 485 & 486 n4
- noonday sleep 329 n8
- Norman, Ebenezer 117 n2
- Northcote, Cecilia Frances 79 n2
- Northcote, Stafford Henry: Royal Society, fellowship 485 & 486 n4; J. Torbitt writes to on potato cultivation xxiv, 74–6 & 76 nn 2–7, 89 n2, 104 & 105 n4, 106 & 107 n6, 114 n4, 387 n2
- Norton, Charles Eliot: A. Gray's review of J. Cook's lectures on biology 42 & 42–3 n2; J.B. Thayer consulted about publishing extracts of CD's letters to C. Wright 29 & 30 n2
- Noyes, John Humphrey 443 & 444 n8
- Noyes, Thomas Herbert: offers CD health advice xxvi, 441 & 442 nn 1–4
- nucellar embryony 416 n5, 530 n5
- oaks (*Quercus*) 60 & n5, 510 & n5
- oats (*Avena sativa*; CD's work): cotyledons 266–7 & 267 n9
- oats (*Avena sativa*; FD's work): CD asks about chlorophyll in seedlings 250 & 252 n3, 278 n4; CD suggests cutting sections of cotyledons to look at cell size 276 & n7, 278 n4; CD suggests observing cotyledons 266–7 & 267 n9; chlorophyll xix, 244 & 246 n2, 274 & 275 n7, 278 & n4, 284 & 285 n2; plans to sow 261 & 262 n2
- obliquity of the ecliptic 424 & 426 n4
- observing (CD comments on): CD more interested in observing than writing 243; flowers

Correspondence Project

Index

[More Information](#)

744

Index

and general observers 360–61; observations and wasps 340 & 341 n3
 odoriferous butterflies 69 & 70 n6, n7, 152 & 154 n3, n4, 165 & n4
 Ogle, Parthenia 488 & 489 n4
 Ogle, William: CD on Ogle's translation and editing of A. Kerner von Marilaun's work 360 & 361 n1, n2, 488 & 489 n3; CD thanks for assistance to H. Darwin about well at Down 488 & 489 n2; CD thanks for translation of Kerner von Marilaun's book 456 & n2; comments on CD's work and assistance 488 & 489 n5; translated A. Kerner von Marilaun's *Die Schutzmittel der Blüten gegen unberufene Gäste* 449 & 450 n3, 456 n2, 488 & 489 n3
 Oliver, Daniel: CD sends thanks for help (via W.T. Thiselton-Dyer) 39 & n2; G. de Saporta's Permian leaf drawing 38 & 39 n1
Onchidium 266 & 267 n5
 onion, common (*Allium cepa*) 65 & n4
 onions: graft-hybrid experiments 108 & n1, n2, 155 & n4, 157 & 158 n3, 196 & n2, 238 & 239 n4, 361 & 362 n2, 384 & 386 n1, n3
Ophrys 273 n3
Ophrys apifera (bee orchid) 428–30 & 430 n1, n4
Ophrys arachnites (late spider orchid; *O. fuciflora* subsp. *fuciflora*): CD's observations 235 n6, 520 n6; A. Dodel-Port 234 & 235 n6, 519 & 520 n6
Ophrys fuciflora subsp. *fuciflora* see *Ophrys arachnites*
Ophrys muscifera (*O. insectifera*; fly orchid) 273 n3
 Oppel, Albert 223 & n3, 500 & 501 n4
 OPPONENTS OF CD'S THEORIES:
 Académie des sciences, some members 342 & n5, 367 n1, 525 & 526 n5; L. Agassiz 337 & n3; P. Greg 500 & 501 n1; S. Houghton xxiv, 28 n2; A.J. Lecomte 349 n14; C.W. von Nägeli 316 n3; E.B. Pusey 455 n2, 456 & 457 n2; A. de Quatrefages 342, 525; R.C. Virchow xxii, 50 n5, n6, 141 & 143 n3, 511 & 512–13 n3
Opuntia basilaris (beavertail cactus) 225 & n3
Opuntia nigricans (*O. elatior*; prickly pear) 206 & 207 n5, 225 & n3
 orang-utan (*Pongo pygmaeus*; *Simia satyrus*) 36 & 37 n5, 336 & n2, 347 & 349 n8
 orange bush monkey-flower (*Diplacus glutinosus*; *D. aurantiacus* ssp. *aurantiacus*) 294 & n2
 orangetip angled-sulphur (*Callidryas menippe*; *Anteos menippe*) 312 & n3, 368 n3, 521 & 522 n3
 orchids: Australian 406 & n1; CD returned plant to Kew 372 & 373 n2, 373 & n3; *Challenger* expedition 188 & n5; positively heliotropic aerial roots 188 & n5
Orchids (CD): *Neottia nidus-avis* 137 n2; *Ophrys* 273 n3

Orchids 2d ed. (CD): *Catasetum* 289 n4, 290 n3, 292 n2; *Epipactis* 383 n4; *Ophrys apifera* 428 & 430 n1, 430 & n4; *Ophrys fuciflora* subsp. *fuciflora* 235 n6, 520 n6; published 388 n2
Orchids US ed. (CD): sales 201
Origin (CD): CD has no plans to correct again 166 & n3; CD on origins of xxiii, 458 & n2; cirripedes, parasitism in 168 n7, 515 n7; cites J. Buckman 175 n3; cross-breeding Chinese and common geese 360 n2; domestic pigeons 393 n8; duck's foot and freshwater shells 181 n2; existence of life before Silurian period 348 n5; S. Houghton critical of xxiv; hermaphroditism 110 n1; insect larva adaption to environment 24–5 & 25 n1; methodical and unconscious selection 460 n5; no further changes to text after 1876 printing of 6th ed. with corrections and additions 165 n4, 166 n3, 514 n4; published 393 n7; E.B. Pusey's comments on xxii, 456 & 457 n3; S.B.J. Skertchly comments on xxii; species book chapter 10 abstracted for *Origin* 243 & n2; A. Stecker plans to publish Czech translation 110 & 111 n1, 115 & n1, 117 & 118 n1; transportal of shells 210 & n2; twentieth thousand copy 78 n3; A. Weismann's 'degeneration' prefigured in 452 n2
Origin 3d ed. (CD): Carniola caves 310 n12; CD's understanding of J.W. von Goethe 316 n5; historical sketch 165 n2, 514 n2
Origin 4th ed. (CD): *Eozoon canadense* 348 n5
Origin 5th ed. (CD): C.W. von Nägeli's critique responded to 470 n6; tropical species 405 n5; variation in placentaion 470 n3
Origin 6th ed. (CD): F.S. Arnold comments on 494 & 495 n3; CD responds to F.S. Arnold's comment 500 & n2; convergence of character 395 n3; external conditions 501 n7; fertility of hybrids 376 n4; geological record, imperfection of 172 n2; historical sketch 164 & 165 n2, 513 & 514 n2; sales 78 & n3; species book chapter 10 abstracted for *Origin* 6th ed. 243 n2; M.F. Wagner's views on geographical isolation discussed 453 & 454 n2
Origin 6th ed. German translation (CD): H.G. Bronn and J.V. Carus translated 198 n4, 517 n4; N. Lewy quotes from 196–7 & 198 n4, 516 & 517 n4
Origin 6th ed. Serbian ed. (CD): M. Radovanović translated 50 & n4, 372 & n1
Origin (1876) (CD): 6th ed., no further changes to text after 1876 printing of 6th ed. with corrections and additions 165 n4, 166 n3, 514 n4

Correspondence Project

Index

[More Information](#)

Index

745

- Origin* French eds. (CD): E. Barbier translated 409 & n5, 529 & n5
Origin Russian ed. (CD): S.A. Rachinskii translated 111 n2, 118 n2
Origin US ed. (CD): sales 200
 Orpington railway station 208 n2, 418 n3, 419, 461 & n3
 Orundellico (Jemmy Button) 163 n2, 166 n1, 185 n1
 Osmaston Hall 53 & 54 n2
 ostracods 167 & 168 n8, 515 & n8
 ostriches 390 n2
 Ottoman Empire: Berlin, Treaty of 322 n11; 'eastern question' 86 n6; instability of 86 n6; Russian advances on xxv; San Stefano, Treaty of 205 n2, 322 n11; Serbia declared war on 51 n5
 ovate goatgrass *see Aegilops ovata*
 Owen, Richard 501 & 502 n9
 Oxalidaceae 298 n3
Oxalis: cotyledons 242 & n3, 252 & n8, 401 & 402 n3; *Movement in plants* 57 n2, 402 n3; movement of seedlings at night 249 n2; pulvini xviii, 266 & 267 n8; returned to Kew 208; seeds received 248 & 249 n2, 326 & 327 n5; sleep of 56 & 57 n2, 242
Oxalis acetosella (wood sorrel; *O. montana*; mountain wood sorrel) 26 & 27 n6, 284 & 285 n4, 295 & 298 n3
Oxalis bupleurifolia 57 n2
Oxalis carnosa (fleshy sorrel): CD requests again 373 & n2; CD requests observations of from FD while at Kew 381 & 383 n3, 382, 383; injured during experiments 138 & n4; *Movement in plants* 374 n4, 383 n3; returned to Kew 208 & n6; sent from Kew 57 n2, 138 n4, 208 n6
 'Oxalis colorata' 243 n8
Oxalis corniculata 267 n8
Oxalis corniculata (creeping wood sorrel) 252 & n9, 350 & n2; var. *atropurpurea* (*O. tropaeoloides*) 446 & 447 n3, 448 & 449 n4, 450 & n6
Oxalis floribunda (abundant flowering wood sorrel): CD requests seeds sown 350 & n2; cotyledons 239 & n4, 242 & n3, 252 & n9; FD finds as sleeping plant at Würzburg 284 & 285 n4; seeds sent from Kew 243 n8; sleep of 242 & n3, 327 n5
Oxalis frutescens see Oxalis plumieri
Oxalis hirta see Oxalis rubella
Oxalis incarnata (pale pink-sorrel; crimson wood sorrel) 243 n8
Oxalis latifolia (*O. vespertilionis*; broadleaf wood sorrel) 284 & 285 n4, 295 & 298 n3
Oxalis montana see Oxalis acetosella
Oxalis ortgiesii 57 n2
Oxalis pentaphylla (*O. polyphylla*) 57 n2
Oxalis plumieri (*O. frutescens*; shrubby woodsorrel) 57 n2
Oxalis polyphylla see Oxalis pentaphylla
Oxalis purpurea see Oxalis variabilis
Oxalis regnellii (*O. triangularis*; false shamrock) 284 & 285 n4
Oxalis rosea (pink sorrel): CD requests seeds sown 350 & n2; cotyledons 239 & 239–40 n4, 242 & n3, 252 & n9; sleep of 327 n5
Oxalis rubella (*O. hirta*; tropical woodsorrel) 57 n2
Oxalis rusciiformis (winged oxalis) 284 & 285 n4
Oxalis stricta (yellow wood sorrel) 243 n8
Oxalis triangularis see Oxalis regnellii
Oxalis tropaeoloides (*O. corniculata* var. *atropurpurea*; creeping wood sorrel) 446 & 447 n3, 448 & 449 n4, 450 & n6
Oxalis valdiviensi (*O. valdiviana*; Chilean yellow-sorrel): CD referred to as *O. valdiviana* 402 n3, 403 n1; CD requests identification of 401–2 n2; CD requests seeds sown 350 & n2; CD thanks J.D. Hooker for identification 404 & 405 n8; cotyledons 239 & n4, 242 & n3, 252 & n9, 402 n3; Hooker identified 402 & 403 n1; seeds sent from Kew 243 n8; sleep of 242 & n3, 327 n5
Oxalis variabilis (*O. purpurea*; purple wood sorrel) 297 & 298 n3
Oxalis vespertilionis see Oxalis latifolia
Oxford and Cambridge Undergraduate's Journal 458 n2
 Oxford Museum of Natural History: statue of CD xxi
 oxlip 2 & n1
Pachira aquatica (Guiana-chestnut; provision tree) 199 n5, 206 & 207 n6, 211 & 212 n2
Pagurus 167 & 168 n9, 515 & n9
 Palaearctic 406 & 407 n2
 Palaeolithic deposits: fenland 80–81 & 82 n3
 Palaeolithic flint implements 80 & 82 n3
 Palaeolithic people 81 & 82 n3
 Palaeolithic period 100 & 101 n2, 126 n2
 pale pink-sorrel (*Oxalis incarnata*; crimson wood sorrel) 243 n8
 Paley, William 124 n2
 palm trees 347 & 348–9 n6
Pan troglodytes see chimpanzee
 pangenesis hypothesis: CD's work 108 n2, 311–12 n3, 386 n3; G.J. Romanes, graft-hybrid experiments on 108 n2, 155 n4, 157 & 158 n3, 239 n4, 362 n2, 386 n3; *Variation* 2d ed. 311–12 n3
 paper mulberries (*Broussonetia*) 378 & 379 n5
Papilio 25 n3, 69 & 70 n6

Correspondence Project

Index

[More Information](#)

746

Papilio scamander (*P. grayi*) 70 n6
Paraserianthes lophantha see *Albizia lophantha*
 Paris Universal International Exhibition 402–3 & 403 n10
 Parker, George 6 & 7 n1
 Parker, Mary, Jr 253 & 255 n2, 10
 Parker, Mary, Sr 253 & 255 n2, n4
 Parker, William Kitchen: CD hopes to meet next time in London 21 & n2, 444 n2; CD welcomes him to visit in London 444 & n1, n2; cited in *Descent* 2d ed. 21 n3; cited in *Variation* 21 n3; comments on missing CD's visit to him 19 & n2; Royal Society government grant fund 489 & 490 n7
 Parr, Edward 314 & n2
 parsnips 355 & n2
Parthenocissus tricuspidata see *Ampelopsis tricuspidata*
Passiflora 153 & 154 n7
Passiflora incarnata (purple passionflower) 154 n7
Passiflora lutea (yellow passionflower) 154 n7
Passiflora quadrangularis (giant granadilla) 153 & 154 n6
 Mr Paul 358 & 359 n2
 Paul, Carl Maria: M. Neumayr and C. Paul, *Die Congerien- und Paludinen-schichten Slavoniens und deren Faunen: ein Beitrag zur Descendenz-Theorie* 223 n3, 501 n4
 pavana longwing (*Eueides pavana*) 69 & 70 n4
 Payne, George 178 & 179 n3, 180 n3
 pea, common (*Pisum sativum*) 238 & 239 n5, 262 n11
 Peabody, George 281 n3
 peaches 84 & n5, 92 & 93 n3, 106 & 108 n9, 394 & 395 n2
 peacock katydid (*Pterochroza ocellata*) 212 & n2
 peanut see *Arachis hypogaea*
 peas 353 & n2
Pelargonium 406 & 407 n3
Pelargonium endlicherianum 407 n3
 Pennsylvania Central Railway 307 & n1
 perfectibility principle: C.W. von Nägeli 315 & 316 n3, 470 n3
 Périgord engraved bones 81 & 82 n6
 Permian leaf drawing 38 & 39 n1, 39 & 40 n5, 40 & 41 n5, 44 & n6, 58 & 60 n2, 509 & 510 n2; *Ceratopteris*, identification as 40, 41 n5, 45 & n2, 58 & 60 n2, 65 & n3, 509 & 510 n2; G. de Saporta's thanks for help from Kew 65 & n3
Peromyscus gossypinus see *Hesperomys cognatus*
Peronospora infestans (*Phytophthora infestans*) 76 & n7, 114 & n2
 Persian clover see *Trifolium resupinatum*
 Peters, Wilhelm 426 & 427 n1
 petunia 317 & n2

Index

Pfeffer, Wilhelm Friedrich Philipp: leaf movements 414 & 415 n3, 418 & n4; Leguminosae 329 n8; W.R. McNab cites 252 & n7; pulvini 261 & 262 n4; *Siegesbeckia flexuosa* 415 n7, 418 n6; turgescence during plant growth 274 & 275 n3
Phalaris canariensis (canary grass) 244 & 246 n2
Phaseolus multiflorus (runner-bean; *P. coccineus*) 247 & 248 n2
Phaseolus vulgaris (kidney bean) 247 & 248 n2
 pheasants 376 n4
 Phillips-Jodrell, Thomas Jodrell 119 n1
Phlebodium aureum see *Polypodium aureum*
Phoebis see *Callidryas*
Phoenix dactylifera (date palm) 391 & 392 n2, n6
Phoenix sylvestris (wild date palm) 392 & n4
 photographs: G.M. Asher asks CD to send his photograph to M.N. Galkin-Vraskoi 53 & n2, 57 & n1; bean radicles 170 n1; É. Beneden requests CD's photograph 174 & n2, 516 & n2; R.A. Blair sent photograph of goose 161, 467 & 468 n5; J.S. Burdon Sanderson showed CD Koch's photographs of bacteria 5 & 5–6 n2; by J.M. Cameron 281 n2, n7; CD asks R. Meldola for identification of insect shown in enclosed photographs 165 & n1, n2; CD discusses images for *Movement in plants* with J.D. Cooper 483; CD sends his photograph to E. Duncan 465 & n2; CD sends his photograph to R. Meldola 135; CD sends his photograph to M. Radovanović 50; CD sends photographs received recently to W.H. Flower 474 & n3; composite portraits 213 & 215 n2, 214; J.D. Cooper on use of 481; B. Darwin: *frontispiece*; L. Darwin sends two photographs to CD 169 & 170 n1; J. von Doblhoff-Dier 38 n7, 504 n7; E. Duncan and G.J. Romanes thank CD for photograph 471 & 472 n2; gosling with turned back feathers 161, 162; C. Kraus 38 & n7, 49 & n3, n6, 504 & n7, 506 & 508 n3, n6, 507; C. Kraus requests photograph of CD's family 49, 506; O.C. Marsh acquires photographs of CD and seeks autographs on them 280 & 281 n2, 291 & n2; R. Meldola exhibited O. Zacharias's insect photographs sent by CD at Entomological Society 165 n2, 177 & 178 n2, 236 & 237 n4; R. Meldola requests CD's photograph 134; H.R. Pinner used photograph of CD for statue xxi; series of photographs of a boy's change of expression 384 & n1, 385; O. Zacharias sent insect photographs 165 & n2, 178 n2, 200 & n4, 207 n1, 212 & n1, see also German and Austrian scientists photograph album
 photosynthesis 307 n6

Correspondence Project

Index

[More Information](#)

Index

747

- Phycomyces* 187 & 188 n3
Phycomyces nitens (common pin mould) 188 n3
 phyletic: terminology 477 & n4, 487 & n2
phylétische: terminology 477 & n4, 487 & n1, n2
Phyllostomus discolor 298 n3
 phylloxera (*Daktulosphaira vitifoliae*) 76 & n7, 84 & n5, 92 & 93 n2, 106 & 108 n8
Physianthus albens *see Araujia sericifera*
 Physicus: pseudonym used by G.J. Romanes 465 n3, 500 & 501 n2
 physiology: CD's view of 148 & 149 n4
Phytophthora infestans: renamed from *Botrytis infestans* by A.H. de Bary 108 n7, *see also Peronospora infestans*
 Pickard-Cambridge, Octavius: CD sends spider specimens from F. Müller 369 & n1
 pickerel-weed (*Pontederia*) 12 & 13 n3, 145 & n6, 202 & 203 n5
Pieris rapae (small cabbage white butterfly) 247 n10
 pigeons: domestic 393 n8; Persia 392 & 393 n9; pigeon born without eyes 332 & 333 n5; tumbler 227 & nn 1–3
 pigs: breeds 356 & 357 n1, n5; pig's head with wattles 355–7 & 357 nn 1–5
 pig's ear (*Cotyledon orbiculata*) 35 n11
 pin mould, common (*Phycomyces nitens*) 188 n3
Pinguicula (butterwort): W.C. Marshall's observations 397–8 & 398 n3, 399 & n2
 pink sorrel *see Oxalis rosea*
 Pinker, Henry Richard Hope: W.E. Darwin comments on busts at Royal Academy of Arts 280 & 281 n4; plan to present bust of CD to Royal Institution xxi, 277 & n2, 282 & n1; statue of CD xxi
Pinus pinaster (maritime pine) 242 & n2, 305 n6, 326 & 327 n3
Pistia stratiotes (water lettuce; tropical duckweed) 490 n4
Pisum sativum (common pea) 238 & 239 n5, 262 n11
 Pitt, William (the elder) 482 & n3
 placentation: variation in 470 n3
 Placzek, Baruch Jakob: CD mentions work showing orthodox Jews may accept evolution 387 & n3; CD will read his essay 386 & 387 n2
 plant physiology: CD and FD working on 395 & n2; CD works on 344 n5, 388, 395 & n2; J. Sachs's laboratory of plant physiology, Würzburg 119 n2, 188 n3, 240 n8, 328 n2, 405 n2, 416 n3, 530 n3
Plantago lanceolata (ribwort plantain) 219–20 n1, 220 nn 2–4
 plants: colour in, G. Allen on 129–30 & 131 n6, n7; development of plants, G. de Saporta on 58–60 & 60 nn 2–5, 339–40 & 340 n4, 508–510 & 510 nn 2–5, 524 & 525 n4; plant-distribution, W.T. Thiselton-Dyer's lecture 248 & 249 n3, 304 & 305 n9, 368 & n6; properties of plants, J. Sachs on 315 & 316 n3, 324 & 325 n6
 plants (CD's work): development of plants 354 & 355 n3, n4; domesticated 107; functional importance of very slight differences 459, 470 n2; lack of people doing experimental work on plants in Britain 71, 72; properties of plants, CD agrees with J. Sachs on 324 & 325 n6; and sound, sensitivity to xviii–xix, 464 & n2, 466 n1, 491 & 492 n2, *see also* bloom on plants; *Climbing plants*; *Cross and self fertilisation*; *Forms of flowers*; *Insectivorous plants*; movement in plants; *Movement in plants*; *Orchids*; seedling plants; sterility in plants
 plasmolysis 5 & 6 n4
Plesioneura eligius (*Celaenorrhinus eligius*) 153 & 154 n4
Plesiosaurus 347 & 349 n7
 plume albizia (*Albizia lophantha*; *Paraserianthes lophantha*; *Acacia lophantha*) 284 & 285 n4, 297 & 298 n3
 plumule: Cactaceae xvii; onion 65 & n4; terminology 55 n2, 56 & 57 n3
 Poaceae (Graminieae; grasses) 355 & n3
Podosphaera 84 n5
Pogonomyrmex cruddelis (*P. badius*; Florida harvester ant) 118 n2
Poinciana gilliesii (*Caesalpinia gilliesii*; bird-of-paradise shrub) 309 & 310 n9
 Poiteau, Antoine 66 & 67 n3
 Poland China pig 356 & 357 n5
 polar displacement 421 n2, 424 & 426 n6
 Pole, Edward Sacheverel 253 & 255 n2
 pollen: foreign pollen acting on mother plant 413 & 414 n2
 pollination theory: W. Behrens on 370 & n2, n3, 371 nn 4–6; CD's contributions 370 & 371 n6; H. Müller 370 & 371 n4
 polyanthus 178 & 179 n3
 polyembryony 415–16 & 416 n4, n5, 529 & 530 n4, n5
Polypodium aureum (*Phlebodium aureum*; golden polypody) 31 & 36 n16
Pongo pygmaeus (orang-utan; *Simia satyrus*) 36 & 37 n5, 336 & n2, 347 & 349 n8
Pontederia (pickerel-weed) 12 & 13 n3, 145 & n6, 202 & 203 n5
 popcorn (*Zea mays* var. *evarta*) 13 & 16 n2, 14, 15
 poplars (*Populus*) 66 & 67 n7
 population *see* human population
Populus (poplars) 66 & 67 n7

Correspondence Project

Index

[More Information](#)

748

Index

Portiera hygrometrica see *Portiera hygrometrica**Portiera chilensis* 246 n6, 278 n3

Portiera hygrometrica (*Portiera hygrometrica*): CD requests plant 264 & 265 n3, 266 & 267 n6, 271 & n4; CD suggests experiments to FD 266 & 267 n6, 289 & 290 n9, 316 n1; CD's observations 288 & 289 n3; CD's sleep observations xix, 275 & 276 n2, 300 & 302 n4, 320 & 321 n4, 325 & n7; H. Darwin suggests experiment for FD 289 & 290 n9; differences between Würzburg plants and CD's specimen 277 & 278 n3, 289 n3, 298 n8, 302 n4, 325 n7; FD suggests CD's specimen different species to Würzburg plant 277 & 278 n3, 289 n3, 302 n4, 325 n7; FD's sleep observations xx, 245 & 246 n6, 261 & 262 n3, 261 & 262 n8, 264 & 265 n3, 267 n6, 277 & 278 n3, 278, 290 n9, 297 & 298 n8, 309 & 310 n10, 314 & 316 n1, 321 n4; likely that CD's specimen was species now recognised as *Portiera hygrometrica* 278 n3; likely that Würzburg specimens were species now recognised as *Portiera chilensis* 278 n3; plant borrowed from Kew 252 & n5, 271 n4, 273 & 274 n2, 276 n2, 278 n3, 289 n3; stomata 275 & 276 n2, 297 & 298 n8, 300 & 302 n4; taxonomic issues 246 n6, 262 n3, 274 n2, 278 n3

portraits: Erasmus Darwin 6 & 7 n1, n3, 253 & 255 n1, 254; R.W. Darwin 313 & n3; W. Darwin (1655–82) 215 n5; Franklin Literary Society wishes to buy a portrait of CD 134–5 & 135 n1, n2; Institución Libre de Enseñanza, governing board members 457 & n3, 531 & n3; statue of CD xxi

potato blight: CD's interest in xxiv, 76 n2

potato late blight 108 n7

potato varieties: fungus-proof variety grown in Scotland 102, 257 & 258 n2; new varieties 104, 105 n6, 113 & 114 n5, 120; potato cultivation, CD comments on 113 & 114 n5; J. Torbitt comments on 126–7 & 128 nn 1–5, 257 & 258 n2, 259 n3, 387 & n2

potatoes (*Solanum tuberosum*): CD on cross-fertilisation xxv, 92 & 93 n4, 107 & 108 n12, 259 & n2, 481 & n2; genus *Solanum* 381 n1; Royal Agricultural Society trials (1874) 91 & n4, 102 & n3, 106 & 108 n7; *Variation* 93 n5

potatoes (J. Torbitt's project): G. Callwell's report 413; CD on cross-fertilising xxv, 259 & n2, 481 & n2; CD on J. Torbitt's work xxv, 79, 83 & n3, 83–4 & 84 nn 2–5, 89 & n2, 90 & nn 1–4, 101–2 & 102 nn 1–5, 103 n6, n7, 113 & n3, 259 & nn 1–3, 410 n2, 487–8 & 488 nn 2–6; CD trying to get government support for xvii, 88 n9, 89

& n2, 90 & nn 1–4, 97 & 98 n3, n4, 101–2 & 102 nn 1–5, 103 n6, n7, 258 n1, 481 n3; CD works with T.H. Farrer and J. Caird to obtain support xxv, 98 n4, 102 n1, 107 n1, 113 & n3, 117 & n4, 131 & 132 n1, 136, 140 & 141 nn 2–7, 147 & n1, 149 & n1, 149–50 & 150 nn 1–3, 488 & n5; CD's financial contribution xxv, 102 & 103 n6, 106 & 107 n5, 132 n1, 133 n3, 136 & n2, 136 & 137 n3, 140 & 141 n7, 149–50 & 150 n1, n2, 258 n1, 481 n3; CD's financial pledge 90, 93 & 94 n5, 97 & 98 n5, 99 & n5; experiments to develop disease-resistant variety of potato xvii, xxiv, xxv, 481 n1; *Field*, some results published 488 n4; financing of xxv, 75, 83, 84 & 85 n1, n3, n5, 84 & n4, 86 & n6, 90, 93 & 94 n5, 97 & 98 n5, 109, 109 & 110 n2, 113, 131 & 132 n1, 133 & nn 1–3, 133 & 134 n3, 136 & n2, 136 & 137 n3, 140 & 141 nn 2–7, 147 & n1, n2, 149 & n2, 149–50 & 150 n1, n2, 151 & 152 n1, 258 n1; V.C. Kennedy's report 410 & n1, n2; new varieties 104, 105 n6, 113 & 114 n5, 120; potatoes sent to Down 85 & 86 n3, 88 & n3; Royal Agricultural Society 91, 97 & 98 n4, 99 & n4, 101–2 & 102 n2, 104 & 105 n3; specimen seedlings sent to Down 257 & 258 n2, 259 & n1; Torbitt corresponded with CD on potatoes from 1876: 481 n1; Torbitt describes his plan 104 & 105 nn 4–7, 126–8 & 128 nn 1–6, 151, 179 & 180 n7; Torbitt discusses 84–5 & 85 nn 1–5, 104 & n2, 105 & nn 3–7, 119–20 & 121 nn 2–4, 122, 257 & 258 n1, n2, 387 & n2, 480–81 & 481 nn 1–3; Torbitt seeks advice about cross-fertilising 257, 259 n2; Torbitt sends testimonials on varieties grown to CD 122–3 & 124 n3; Torbitt will report on year's activities 387 & n2, 410, 413; Torbitt's interest in 381 n1; Torbitt's letter to S.H. Northcote xxiv, 74–6 & 76 nn 2–7, 89 n2, 104 & 105 n4, 106 & 107 n6, 114 n4, 387 n2; Torbitt's paper on potato disease 94 n4, see also Caird, James; Carruthers, William; Farrer, Thomas Henry; Hooker, Joseph Dalton; potatoes (J. Torbitt's project, CD's letter to T.H. Farrer of support for); Torbitt, James

potatoes (J. Torbitt's project, CD's letter to T.H. Farrer of support for): 2 March 1878 letter 91–2 & 92 n1, 93 nn 2–6; 7 March 1878 letter, revised version xxv, 106–7 & 107 n6, 108 nn 7–12, 108–9 & 109 n1, 110 n2; J. Caird took letter with him (from meeting with CD) 102 & n5; CD reports on to J. Torbitt 113 & n2, n3; CD sends revised version to Farrer xxv, 117 & nn 1–5; CD sent corrected version to J.D. Hooker

Correspondence Project

Index

[More Information](#)

Index

749

- 112 & n2; CD will lend to Torbitt when Caird returns letter 102 & n5; CD works on revisions xxv, 97 & n3, 105–6 & 107 nn 1–5, 112 & n1, n2, 113 & n3; CD wrote at T.H. Farrer's request 102 & n5; Farrer asks about experimental details 109; Farrer reports Caird's comments on 109–110 & 110 n2, 131 & 132 n1; Farrer suggests CD obtain Hooker's endorsement for letter 108–9 & 109 n1; Torbitt returns to CD having made a copy 122 & 124 n1
- Potonić, Henry: CD has no plans to correct *Origin* again 166 & n2, n3; comments on Historical sketch, *Origin* 6th ed 164 & 165 nn 2–4, 513 & 514 nn 2–4
- powdery alligator-flag *see* *Thalia dealbata*
- Power, John: memorial requesting Greek be dropped from Previous Examination (CD a signatory) 462–3 & 463 nn 1–9
- Pozzi, Samuel Jean: *Expression* French ed., S.J. Pozzi and R. Benoît translated 409 n4, 529 n4; *Expression* French 2d ed., S.J. Pozzi and R. Benoît translated 409 & n4, 529 & n4
- Preston, Alfred 439
- Previous Examination (Cambridge University) 462 & 463 n3
- Preyer, William: biographical sketch of CD 450 n5; CD thanks for honorary membership of Medicinisch-Naturwissenschaftliche Gesellschaft zu Jena 24 & n1
- Price, Bartholomew 54 & n1
- Price, John: CD on cilia 151 & n2; CD comments on R.C. Virchow's address to Assembly of German Naturalists and Physicians 49–50 & 50 n5, n6; CD requests Price does not address him as Dr Darwin 151 & n3; CD thanks for congratulations on Cambridge honorary degree xxi, 49 & 50 nn 2–4
- prickly lettuce (*Lactuca serriola*; compass plant) 331 & 332 n6
- prickly pear (*Opuntia nigricans*; *O. elatior*) 206 & 207 n5, 225 & n3
- Priestley, Joseph 342 & n4, 525 & 526 n4
- primrose *see* *Primula vulgaris*
- primroses (Primulaceae) 329 n4
- Primula*: bloom 378 & 379 n7; CD's interest in 388; 'Specific difference in *Primula*' 179 n2; terminology 2 & n1
- Primula auricula* 179 n3
- Primula capitata* (round-headed Himalayan primrose) 378 & 379 n7
- Primula elatior* Jacq. (Bardfield oxlip) 2 & n1
- Primula marginata* (silver-edged primrose) 378 & 379 n7
- Primula veris* (cowslip) 2 & n1, 178 & 179 n2
- Primula vulgaris* (primrose): CD on crossed primroses 179 & 180 n8; T.H. Farrer 178 & 179 n2; terminology 2 n1
- Primulaceae *see* primroses
- Pringsheim, Nathanael 233 & 235 n5, 234, 426 & 427 n1, 519 & n5
- Prioneris, A.R. Wallace's observations 25 & n3
- Proceedings of the Zoological Society of London*: CD subscribed to 405 n6, 407 n2
- Proctor, Richard Anthony 416 & 417 n7
- procumbent rock-rose (*Helianthemum procumbens*; *Fumana procumbens*; sprawling needle sunrose) 30 & 35 n7, 40 & 41 n3
- Prosopis juliflora* 309 & 310 n9
- proterandrous flowers (*now* protandrous flowers) 219 n2
- proterogynous flowers (*now* protogynous flowers) 220 n2
- protoplasm: CD comments on 206 & 207 n7, n8; FD's discovery of protoplasmic filaments in *Dipsacus sylvestris* 6 n3, 248 n3, 249 n4, 403 n6; J. Sachs 274; W.T. Thiselton-Dyer comments on 185 n7, 187–8, 206 & 207 n8; S.H. Vines 187 & 188 n3, 207 n8; H. de Vries 5 & 6 n4
- provision tree (*Pachira aquatica*; Guiana-chestnut) 199 n5, 206 & 207 n6, 211 & 212 n2
- Prunus persica* (nectarines) 394 & 395 n2
- Pseudopanax crassifolius* (horeoka; lancewood) 320 n1; A.D. Austin describes 'umbrella tree' (botanical name unknown) 319, 319–20 & 320 n1
- Psilophyton* (*Psilophyton*) 21 & n5, 39
- Psittacara leucophthalmus* *see* *Conurus guianensis*
- Psymnophyllum* 60 n2, 510 n2
- Pterochroza* (leaf-mimic katydid) 212 & n1, 236 & 237 n4
- Pterochroza ocellata* (peacock katydid) 212 & n2
- Pterolobium* 310 n9
- Pterolobium abyssinicum* 309 & 310 n9
- PUBLICATIONS (CD): in Bohemia and Moravia CD's works usually read in German 111 n1; book sales 400 & n3; books sales report sent by R.F. Cooke 454 & n1, 455 n2; CD comments on his principle of publishing what he believes to be the truth xxiv, 41; CD has sometimes thought worth looking at species book with view to publication 243; CD unlikely to prepare species book for publication as so much material collected since *Origin* published 243; FD to provide list of publications 363 & n2, n3, 404 & 405 n7, 407 & n6; *Fossil Cirripedia* 168 n4, 515 n4; German collected edition of CD's works 389 & 390 n1, 395 & n3; H. Giner de

Correspondence Project

Index

[More Information](#)

750

Index

los Ríos requests list of publications 345 & n2, 363 n2, 526 & 527 n2; *Living Cirrhipedia* 168 n4, 515 n4; J. Murray's advertising in *Nature* often included list of earlier works 363 n3; preface to H. Müller's *Fertilisation of flowers* 371 n5, 399 n1; presentation copies 400 n2; 'Specific difference in *Primula*' 179 n2; 'Three forms of *Lythrum salicaria*' 318 n3; *see also* 'Biographical sketch of an infant'; *Climbing plants*; *Coral reefs*; *Cross and self fertilisation*; *Descent*; *Expression*; *Forms of flowers*; *Insectivorous plants*; *Journal of researches*; *Movement in plants*; *Natural selection*; *Nature* (CD's letters); *Orchids*; *Origin*; *Variation*

Pucanancitanjiz (William Beckenham Button) 162 & 163 n2, n3

pulvini: *Mimosa* 316 n7

pulvini (CD's work): asks FD to compare species with great cotyledon movement at night and *Oxalis corniculata* 350 & 351 n3, 445 n2; CD's interest in xviii, 266 & 267 n8, 445 n2; development 266 & 267 n8; grasses 267 n9; *Lotus jacobaeus* 380 & n10; *Movement in plants* xviii, 267 n8, 445 n2; movements due to 262 & 263 n3, 445 n2; *Oxalis* xviii, 266 & 267 n8; *Oxalis floribunda* 252 & n9; role of in cotyledon movement and sleep in plants 445 n2, 449 n5; suggested observations of cell size to FD 262, 275 n4, 276 & n7, 278 n4; *Trifolium strictum* 445 & n2, 449 n5

pulvini (FD's work): CD suggested observations of cell size 262, 275 n4, 276 & n7, 278 n4; FD will look for 448; growth in pulvinus of plants that sleep 261 & 262 n4

Pumilo argyrolepis (*Siloxerus multiflorus*) 226 & n2, n3

purple passionflower (*Passiflora incarnata*) 154 n7

purple wood sorrel (*Oxalis variabilis*; *O. purpurea*) 297 & 298 n3

Pusey, Edward Bouverie: CD comments to J.B. Innes on Pusey's sermon 455 & nn 1–3; H.N. Ridley on Pusey's interpretation of evolution 456–7 & 457 nn 2–5; sermon xxii, 455 n2, 456 & 457 n2, n3, 461 n1

Pyrrhosticta: A.G. Butler's observations 25 & n3

Quatrefages, Armand de 337 & n2, 342 & n5, 525 & 526 n5

Queen's College, Cork 369 & 370 n1, n2

Quercineae 60 & n5, 510 & n5

Quercus (oaks) 60 & n5, 510 & n5

Quercus pannonica (*Q. frainetto*; Hungarian oak) 304 & 305 n5

Querquedula discors (blue-winged teal; *Anas discors*) 181 & n4

quills 378 & n2

rabbits 376 n4

Rachinskii, Sergei Alexandrovich: *Origin* Russian ed., translated 111 n2, 118 n2*Raddia brasiliensis* *see* *Strepitum floribundum*radicles: T. Ciesielski 195 & n3, 239 n2, 244–5 & 246 n4, 252 & n4; J. Sachs xviii, 184 & 185 n5, 186 & 187 n5, 194–5 & 195 n3; *see also* rootsradicles (CD's work): *Aegilops ovata* 105 & n2; bean radicles 170 n1, n2, 185 n5, 262 n9; cabbage 56 & 57 n4; CD reports on inconclusive work to FD 239 & 240 n5, 246 n4; CD reports on work xviii, 184 & 185 n8, 186 & 187 n5, 225; CD studying as part of movement in plants work 145 n4; experimental notes 240 n5; FD assisting CD 188 & n4, 225 & n5; FD discarded notes on failed experiments 186, 193 & 194 n3; and light 306; maize 273 & 274 n3, n4, 276 & n3, 298 & n9; J. Sachs and T. Ciesielski's experimental results xviii, 252 & n4, 268 n10, 275 n5; sensitivity of xviii, 185 n8, 186 & 187 n5, 276 n3; *Tropaeolum majus* 329 & 330 n6; *Vicia faba* 274 n4; *see also* rootsRadovanović, Marinko: CD sends photograph 50; informs CD of death of Milan Radovanović and sends Serbian translation of *Origin* 372 & n1Radovanović, Milan: CD wishes him success with Serbian translation of *Origin* 50 & n4; death of 372

Rais, Gilles de 347 & 349 n8

Ramsay, Andrew Crombie: CD thanks for his book 421 & n1; supported S.B.J. Skerchly's views 80 & 82 n3

Randolph, Richard: poems 64 & n3; sends pamphlet 367 & n2; sends paper on polarity in character 63–4 & 64 n1

Ranunculus acris (meadow buttercup) 203 & n1, 204 n2, 210–211 & 211 n3, 218 & 219 n1, 293 & n4*Ranunculus aquatilis* (water crowfoot) 204 n3*Ranunculus bulbosus* (bulbous buttercup) 293 & n3*Ranunculus ficaria* (*Ficaria verna*; lesser celandine) 132 & n3*Ranunculus repens* (creeping buttercup) 218–19 & 219 n1, n2, 293 & n3rape (*Brassica napus*) 327 & 328–9 n2

rats: and lead water pipes 18 & 18 n1, n2

Ray, John: descent theory 315 & 316 n5

Reade, Thomas Mellard: asks CD about conditions for increased limestone deposits 62 & n1; CD has no opinion on limestone question 70 & n3; CD thanks for essay 155 & n1; geological time 62 & n1, n2, 70 n2; Liverpool Geological Society presidential address (1876) 62 n1

Correspondence Project

Index

[More Information](#)

Index

751

- READING (CD): G. Allen, *Colour-sense* 131 n8; G. Allen, 'The origin of flowers' 116 n4; G. Allen, *Physiological aesthetics* 324 n5; J.A. Allen, 'The evolution of morality: a reply' 323–4 n2; W. Behrens, *Beiträge zur Geschichte der Bestäubungstheorie* 370 & n2, 412 n2; W. Behrens, *Die Nectarien der Blüten* 412 n3; A. Brassey, *Around the world in the yacht 'Sunbeam'* 422 & 423 n6; CD on reading German 48, 386, 418, 427, 431; CD regrets not having faculty for new languages 3; T. Ciesielski, *Untersuchungen über die Abwärtskrümmung der Wurzel* 275 n5; W.H. Dallinger, 'On the life history of a minute septic organism' 265 & 266 n1; J. Decaisne, 'Sur la structure des poils qui couvrent le péricarpe de certaines Composées' 226 & n3; J. Delboeuf, *La psychologie comme science naturelle, son présent et son avenir* 364–5 & 365 n5, 371 n3; F. Delpino, 'Brief remarks on the biology and genealogy of the Marantaceæ' 304 & 305 n2; P. Greg, 'Design in development' chapter in *The devil's advocate* 500–501 & 501 nn 1–8, 502 & n9, n10; E. Du Bois-Reymond, *Darwin versus Galiani* 431 & 432 n2; E. Dupuy, 'Note on inherited effects of lesions of the sympathetic nerve and corpora restiformia on the eye' 311 & n2, 312 n4; J. Geikie, *The great ice age and its relation to the antiquity of man* 96 & n4; I. Geoffroy Saint-Hilaire 316 n5; A. Gray, review of J. Cook's lectures on biology 22 & 23 n4; A. Gray, review of *Forms of flowers* 22 & 23 n2; S. Houghton, 'Notes on physical geology' xxiv, 172–3 & 173 n1, n2; T.H. Huxley, 'Evolution in biology' (for *Encyclopaedia Britannica*) 232 & n2; W. James, 'Brute and human intellect' 495 & n1; A. Kerner von Marilaun 360 & 361 n1, 456; A. Kerner von Marilaun, *Flowers and their unbidden guests* 488 & 489 n3; J.B. de Lamarck, 229–30 n1; R.I. Lynch, papers in *Journal of the Linnean Society (Botany)* 464 & n1; J.F. McLennan, *Primitive marriage* 270 n2; W.R. McNab, *Botany: outlines of morphology and physiology* 252 & n7; R. Mallet, 'On the dynamics of earthquakes' 213 & n2; T. Meehan, on *Linum perenne* 23 & 24 n11; R. Meldola, 'Entomological notes bearing on evolution' 52 & 53 n1; É. Mer, 'Des effets de l'immersion sur les feuilles aériennes' 317 n10; M. Micheli, 'Revue des principales publications de physiologie végétale en 1877' 292 & 293 n2; E. Mojsisovics von Mojsvár, *Die Dolomit-Riffe von Südtirol und Venetien* 222–3 & 223 n1, 228 n1, n4; E. Mojsisovics von Mojsvár, 'Kleine Beiträge zur Kenntniss der Anneliden' 258 & n4; W.J. Moore, article on *Columbidae* 227 & n2; H.N. Moseley, papers with *Challenger* voyage observations 453 & n3; F. Müller, 'Beobachtungen an brasilianischen Schmetterlingen' 2 & n2, 4 n2, 25 n1; F. Müller, recent paper on butterflies 3 & n6; F. Müller, 'Ueber Haarpinsel, Filzflecke und ähnliche Gebilde auf den Flügeln männlicher Schmetterlinge' 165 & n4; H. Müller, 'Die Insekten als unbewußte Blumenzüchter' 273 n3; H. Müller, review of *Forms of flowers* 3 & n2, n5; H. Müller, 'Das Variiren der Größe gefärbter Blütenhüllen und seine Wirkung auf die Naturzüchtung der Blumen' 3 & n3; M. Neumayr and C. Paul, *Die Congerien- und Paludinienschichten Slavoniens und deren Faunen: ein Beitrag zur Descendenz-Theorie* 223 n3, 258 & n3; W.F.P. Pfeffer, *Die periodische Bewegungen der Blattorgane* 418 & n4; R.A. Proctor, *Pleasant ways in science* 416 & 417 n7; E.B. Pusey's sermon (*Guardian* version) 455 & n2, 458 & n1; T.M. Reade, 'The age of the world' 155 & n1; W. Rimpau, papers on grains 72 & 73 n6, n7; G.J. Romanes, 'Animal instinct' (BAAS lecture) 364 & 365 n1; G.J. Romanes, 'The beginnings of nerves in the animal kingdom' 401 & n2; G.J. Romanes (writing as Physicus), *A candid examination of theism* 465 & n3, 500 & 501 n2; J. Sachs, 'Ablenkung der Wurzel von ihrer normalen Wachstumsrichtung durch feuchte Körper' xviii, 186 & 186–7 n4; R. Sachsse, *Die Chemie und Physiologie der Farbstoffe, Kohlehydrate und Proteinsubstanzen* 129 & 131 n3; G. de Saporta, *L'ancienne végétation polaire* 491 & n2; C.G. Sempier, *The natural conditions of existence as they affect animal life* 469 n2; E. Strasburger, 'Wirkung des Lichtes und der Wärme auf Schwärmosporen' 403 & 404 n1; E.L. Sturtevant, 'Indian corn' 16 n5; J.B. Thayer, *Letters of Chauncey Wright* 56 & n1; W.T. Thiselton-Dyer, 'Plant-distribution as a field for geographical research' 368 & n6; K.A. Timiryazev, 'Sur la décomposition de l'acide carbonique dans le spectre solaire, par les parties vertes des végétaux' 320 & 321 n9; E. Vignes, 'Le nouveau membre correspondant de l'Institut' 367 & n1; R.C. Virchow, address to Assembly of German Naturalists and Physicians 49 & 50 n5; M.F. Wagner 453 & 454 n2, 459; A. Weismann, 'Ueber die Schmutzfarben der Daphnoiden' 236 & n2; F.B. White, 'Contributions to a knowledge of the hemipterous fauna of St. Helena' 396 & n2, 404 & 405 n3, n4, 407 n2; J. Wiesner, abstract of 'Die natürliche Einrichtungen zum Schutze des Chlorophylls der lebenden Pflanze' 329 n8;

Correspondence Project

Index

[More Information](#)

752

Index

J. Wiesner, first part of monograph on heliotropism in plants 301 & 302 n5; A.S. Wilson, 'Experiments with turnip seeds' 105 & n1; A.S. Wilson, several papers 72 & 73 n5

red beadtrees (*Adenanthera pavonina*) 284 & 285 n4, 309 & 310 n9, 321 & 322 n13

red clover (*Trifolium pratense*) 355 n2

red deer (*Cervus elaphus*) 369 & 370 n4

red-hot poker (*Tritoma*; *Kniphofia*; torch lily) 340 & 341 n3

red-root amaranth (*Amaranthus retroflexus*) 415 & n7, 418 n3

Reeve, Henry: *Edinburgh Review* editor 401 n4

regeneration 165 n2, 514 n2

Reinwald, Charles-Ferdinand: news of French editions of CD's books 408–9 & 409 nn 2–5, 528–9 & 529 nn 2–5

religious belief: CD's views xxiii, 103 n1, 112 & n2, 455; J.M. Grant xxiii, 103 & n1, 124 & n2; J.B. Innes 460

reversion: eightlegged horse exhibit 230 & 231 n3

reversion bequest 471 & n2

Rhamnus (buckthorns) 3 & n5, 22 & 24 n6

Rhipsalis cassytha (*R. baccifera*; mistletoe cactus) 206 & 207 n5

rhizomorphs 328 & 329 n7

Rhododendron tomentosum see *Ledum palustre*

ribwort plantain (*Plantago lanceolata*) 219–20 n1, 220 nn 2–4

rice cutgrass (*Leersia oryzoides*) 317 & 318 n3

Rich, Anthony: bequest to CD xvii, xxvi, 470–71 & 471 n1, n2, 475 n1, 478 & n1, 479 & n2, 484 n3; bequest to CD, details of (property in Cornhill, London) xxvii, 475–6 & 476 nn 1–6, 478 & n2, 479 & n3, 482 & 483 n6, 493 n2, 496 n1, n3; bequest to T.H. Huxley 496 n2; Cambridge University xxvi, 494 & n4, 498 & n3; career xxvi; CD on implications of bequest for his heirs 479–80 & 480 n2; CD invites to Down 480, 494 n1; CD offered to visit 497 & n3; CD tells J.D. Hooker of Rich's bequest xvii, xxvii, 484–5 & 485 n3, n4; CD thanks for bequest xxvi, 474–5 & 475 n1, n2; CD thanks further for bequest and for its details 479–80 & 480 nn 1–3; CD's heirs inherited Rich's bequest to CD 496 n3, 497 n4; G.H. Darwin visited 498 n2; Darwins hoped to accept Rich's invitation 498 n1; death of 496 n3, 497 n4; declines visit to Down due to ill-health and invites Darwins to visit him xxvii, 493–4 & 494 nn 1–4, 497 & n3; W.M. Hacon writes to CD on implications of Rich's bequest for CD's will 490 & n2, 492 & 493 n2, n3; health xxvii, 476, 493 & 494

n2, 497; Hooker comments to CD on Rich's bequest xxvii, 485 & 486 n1, 486 & 487 n9, 489 n2; hopes Darwins will visit him 497–8 & 498 nn 1–4; Huxley consulted by Rich about intended bequest to CD xxvi, 496 & n2; Huxley visited Rich xxvi–xxvii, 496 & nn 1–4, 498 & n4

Rich, Fanny Ricarda 475 & 476 n3

Rich, Francis Henry 470 & 471 n1, 476 n3

Richard, Louise Claude 66 & 67 n5, n8

Richardson, Henry Downing 217 & 218 n6

Ridding, George 462

Ridley, Henry Nicholas: asks CD questions regarding E.B. Pusey's sermon xxii, 456–7; CD responds to Ridley's questions xxiii, 458 & n1, n2; on Pusey's interpretation of evolution 456–7 & nn 2–5; quoted from CD's reply in letter to *Oxford and Cambridge Undergraduate's Journal* 458 n2; wrote to Pusey 456

Rimpau, William: CD lends some Rimpau papers to A.S. Wilson 72–3 & n7, 87 n4, 105 & n3, 121 & n1, 169 & n3; wheat 72–3 & 73 n6, n7, 87 n4

Rippon, Robert Henry Fernando 313 n6

Rita, A. 391 n2, 400 n1

Robinia 329 n8

Roby, Henry John 462

rock pigeon (*Columba livia*; blue pigeon) 393 n9

Rocky Mountains vegetation 402 & 403 n8, 407 & n7

Rogers, George: sensitive plants movements 228 & 229 n2, 270

Rogers, John Innes: writes to FD about sensitive plants movements 139 & 140 nn 1–4, 147–8 & 148 n1, n2, 228–9 & 229 n1, n2, 270 & n1, 271 & nn 2–4

Rolleston, George: sends account of pig's head with wattles 355–7 & 357 nn 1–5; signatory to letter to R.A.T. Gascoyne-Cecil 204

Romanes, George John: and G. Allen 116 n2, n4; animal behaviour 238 n3; *Animal intelligence*, included material from CD on instinct xxi, 242 n2, 244 n3; *Animal intelligence*, published 371 n2, 377 n2; *Animal intelligence*, working up subject for 371; 'Animal intelligence' (lecture) 238 n2, 241 & 242 n1, 361 & 362 n4, n5, 375 n3; 'Animal intelligence' (lecture), CD comments on 364 & 365 n1; animal intelligence (work on), CD agrees to lend species book chapter 10 to Romanes xxi, 244 n1; on borrowing books from CD 371; *A candid examination of theism* (By Physicus) 465 & n3, 500 & 501 n2; career 155 n4; CD arranges to call on 22 n1, 444 & n1; CD asks when to sow onions 108 & n2; CD

Correspondence Project

Index

[More Information](#)

Index

753

comments on 'The beginnings of nerves in the animal kingdom' 401 & n2; CD comments (including an imaginary theologian's question) on *A candid examination of theism* 465 & n3, 500 & 501 n2; CD comments on Romanes's work 375 & nn 2–8; CD comments on C.E. William 390 & 391 n1, n2; CD on B. Darwin's language development 238 & n3; CD on *Edinburgh Review* article on copyright law 401 & n4; CD has not received papers Romanes returned 478 & n3; CD invites Romanes to Down 155 & n5, 187 & n2, n3, 196 & n3; CD on loss of onions 384 & 386 n1, n3; CD offers to lend H. Lindemuth's book 478 & n2; CD recommends W. James, 'Brute and human intellect' 495 & n1; CD reports on onions' growth 155 & n4, 238 & 239 n4; CD on Romanes's *Fortnightly Review* articles 108 & n3; CD says Romanes welcome to use instincts of animals chapter (chapter 10 in species book) 243 & n2; CD sends condolences on death of Romanes's sister 155 & n2; CD sends red onions 196 & n2; CD sends two pages from instincts of animals chapter in species book 238 & n2, 472 n5; CD sent his 1848 notes on instinct in bees and wasps xxi, 238 & n2, 242 n1, 244 n2, 472 n5; CD suggests A.D. Bartlett for advice on monkeys 375 & n4, 377 & n1; CD suggests radishes, carrots or beets for graft-hybrid experiments 384; CD visited in London 444 n1, 445 & n5, 472 & n4, 534; CD wonders if Romanes has thought of keeping monkeys xxi, 365; comments on FD's 'happy family' idea 377 & n3; deaf-mutes 365 n2; discusses natural theology 471–2 & 472 n4; and E. Duncan thank CD for photograph 471 & 472 n2; FD suggests (via CD) Romanes keep an idiot, a deaf-mute, a monkey and a baby xxi, 375 & n5, 377 n3; graft-hybrid experiments (pan-genesis hypothesis) 108 n2, 155 n4, 157 & 158 n3, 239 n4, 362 n2, 386 n3; higher idiots 365 n3; illness 157 & 158 n2; luminosity 377 & n4; medusae 163 & 164 n4, 238 n3, 244 & n3, 377 & n4, 401 n2; *Mental evolution in animals*, included material from CD on instinct 242 n2, 244 n3; met G.H. Darwin 361 & 362 n3; monkeys 371 & 372 n4; onions, loss of 361 & 362 n2; plans visit to Down 157 & 158 n3; returns papers to CD and will return books when read 472 & n5; Royal Society, candidacy 163–4 & 164 nn 1–5; Royal Society, CD comments on Romanes's candidacy 163–4 & 164 nn 1–5; Royal Society, CD proposed Romanes for election to 164 & n2; Royal Society, fellowship 164 n5; selec-

tion of instincts 364 & 365 n4; thanks CD for condolences 157 & 158 n1, n2; thanks CD for congratulations on lecture 371 & n2; thanks CD for Delboeuf's book 376 & 377 n1; thanks CD for permission to use observations and for notes and discusses publication xxi, 241 & 242 n1, 243–4 & 244 nn 1–3; visits Down 155 n5, 158 n3, 187 n2, 196 n3, 534

Romanes, Georgina Isabella 155 & n2, 157 & 158 n1, n2

Romanes, Isabella Gair Rose 377 & n3

Rondeletia longifolia *see* *Adenosacme longifolia*

roots: contractility in 362 & n1, 363 n3; heliotropism 327 & 328–9 n2; orchid, positively heliotropic aerial roots 188 & n5, *see also* radicles

roots (CD's work): CD asks FD to ask J. Sachs about heliotropism and roots 306, 316 n2, 320, 330 n3; CD asks W.T. Thiselton-Dyer about heliotropic roots 305 & 306 n12, 368; contractility in 355 & n2, 362 n1; Gramineae 355 & n3; growth patterns studied xvii; horse chestnut 447 & 448 n6; Spanish chestnut 447 & 448 n6, *see also* radicles

roots (FD's work): CD suggests FD investigates aggregation of roots from carbonate of ammonia 301 & 303 n14; horse chestnut 446 & n2, 448 & 449 n6, 449 & 450 n2; secondary roots development 261 & 262 n9; Spanish chestnut 448 & 449 n6, 449 & 450 n2

Rosicrucians 442 n4

Rothamsted Agricultural Station 82 n2

rough bindweed (*Smilax aspera* var. *maculata*) 490 n4

round-headed Himalayan primrose (*Primula capitata*) 378 & 379 n7

round-leaved sundew *see* *Drosera rotundifolia*

Routh, Edward John 358 & n4

Roxburgh, William 193 n2

Royal Agricultural Society: J. Caird xxx, 82 & n1, 83 & n3, 89, 98 n4; W. Carruthers 97 & 98 n4, 99 n4, 102 & n2, 105 n3; C.H. Gordon-Lennox, president 86 n4, 89–90 n2, 90 n4; H.M. Jenkins, secretary 90–91 & 91 n2; *Phytophthora infestans* 108 n7; potato trials (1874) 91 & n4, 102 & n3, 106 & 108 n7; J. Torbitt's project 91, 97 & 98 n4, 99 & n4, 101–2 & 102 n2, 104 & 105 n3; Woburn experimental station 82 & n2, 83 n3

Royal Botanic Gardens, Kew: J.G. Baker to occupy house by herbarium 485 & 486 n3, n4, 489 n2; CD visited 18 n2, 22 n1, 22 & 24 n7, 23 & 24 n13, 30 & 35 n1, 188 & n5, 188 n5, 327 n7, 534; C.B. Clarke 193 n1; dispute over running of 249 n5; FD visited 188 & n4, 378 & 379 n3;

Correspondence Project

Index

[More Information](#)

754

Index

- J.D. Hooker, director 24 n13, 45 n2, 185 n2, 379 n9, 381 n1; Jodrell laboratory 118–19 & 119 n1; R.I. Lynch, propagating department foreman 44 n4, 185 n4, 188 n1, 207 n3, 208 n11, 295 n5, 415 n4, 463 n3; G. Nicholson, clerk to curator 294 & 295 n6; opening hours 224, 225 & n7; J. Smith, curator 294 & 295 n6, 326 & 327 n4; staff assist CD xviii; W.T. Thiselton-Dyer, assistant director 45 n2, 87 n3, 146 n2, 185 n2, 379 n9
- Royal College of Surgeons: Hunterian Museum 160 n1, 279 n1, 333 n2, 474 n1
- Royal Geographical Society: W.T. Thiselton-Dyer, lecture 249 n3, 305 n9, 368–9 n6
- Royal Horticultural Society: scientific committee 46 n4
- Royal Institution of Great Britain: Actonian prize 71 n2; W. Bowman, 71–2 n2; W.H. Dallinger, lecture 260 & n2; J.D. Hooker, lecture 268 & 269 n4; T.H. Huxley, lecture 25 & n4; H.R.H. Pinker and H. Willett's plan to present a bust of CD to the Royal Institution 277 & n2, n3, 282 & n1; W. Spottiswoode, secretary 277 n3, 282 n2; W.T. Thiselton-Dyer, lectures 185 n7; J. Tyndall, lectures 464 n3
- Royal Literary and Scientific Academy of Bavaria: elected CD foreign member 322 & n3, 324 n1, 522 & n3, 537 & 538 n1
- Royal Prussian Academy of Sciences (Königliche Preussischer Akademie der Wissenschaften): elected CD foreign associate 426–7 & 427 n1, 540–41
- Royal School of Mines 230 n4, 257 n3
- Royal Society of London: J.G. Baker, fellowship 485; candidates proposed or supported by CD 164 n2, 257 n3; G.H. Darwin, candidacy and fellowship 183 & n5, n6, 184 n2, 417 n6; G.H. Darwin, 'On the bodily tides of viscous and semi-elastic spheroids, and on the ocean tides upon a yielding nucleus' 425–6 n1; G.H. Darwin, paper on geological time 28 n2; G.H. Darwin, paper on the precession of a viscous spheroid 283 n6, 286 & 287 n3, 359 n3, 417 n4, 426 n4; W.E. Darwin's bequest to 482 & 483 n4; A.H. Everett, Borneo caves expedition 28 & n1; fellowship election 183 & n5; government grant, and donation fund 424 & 426 n3, 428 n3; government grant, new one announced in J.D. Hooker's presidential address 486 & n8; S. Haughton's papers xxiv, 27 n1, 173 n1; J.D. Hooker, presidency ends 232 & n4, 486 & n6, 489 & n3; J.D. Hooker, president 164 n3, 183 n6, 232 & n1, 326 n5, 403 n3, 446 n5, 489 n3; J.D. Hooker, presidential address 326 & n5, 402 n4, 402 & 403 n3, 403 n4, 404 & 405 n7, 446 n5, 484 & 485 n2, 485–6 & 486 n5, 486 n8, 489 n3, 491 & n2; J.W. Judd, fellowship 257 n3; S.H. Northcote, fellowship 485 & 486 n4; publication fund and membership fees 231–2 & 232 nn 1–3, 264 & n1, 265 n2, 268 & n2, n3, 271 n2; G.J. Romanes, candidacy and fellowship 163–4 & 164 nn 1–5; W. Spottiswoode, president 232 n4; W. Spottiswoode, treasurer 232 n3, 265 n2; G.J. Symons, fellowship 183 & n5; W. White, assistant secretary 164 & n5
- Royal Society of Medical and Natural Sciences of Brussels, awards CD honorary membership 354 & n2, 527 & n2, 539
- Rubiaceae (Coffeaceae) 189, 193 n6
- Rudolph, Prince 9 n3
- runner-bean (*Phaseolus multiflorus*; *P. coccineus*) 247 & 248 n2
- rusa deer (*Rusa timorensis*) 369 & 370 n4
- Russell, Arthur John Edward 204, 534
- Russell, Hastings, 9th duke of Bedford 82 & n2, 204 & 205 n4
- Russell, Laura 534
- Russia: Russo-Turkish War xxv, 86 n6, 147 n2, 180 n5, 322 n11; threat of war with xxv, 86 n6, 180 n5, 205 n2
- Russian steppe wheat 53 & n1, 57, 58 n3, 58 & n2, 168–9 & 169 n1, n2, 508 & n2
- Russo-Turkish War xxv, 86 n6, 147 n2, 180 n5, 322 n11
- Sachs, Julius: cabbage caterpillars 245 & 247 n10; career xix; CD asks FD to ask about roots and heliotropism 306 & 307 n5, 316 n2, 320, 330 n3; CD asks FD to ask about Wiesner's term induction 301 & 302 n5, 310 n5; CD comments on xix, 320 & 321 n9; CD comments on knowledge from 324 & 325 n2; CD familiar with Sachs's laboratory 119 n2; CD invites Sachs to Down 321, 329 & 330 n3, 331 & 332 n8; chlorophyll in oats 244, 278 & 279 n5, 284 & 285 n2; T. Ciesielski's radicles observations xviii, 195 & n3, 239 n2, 244–5 & 246 n4, 268 n10; cited in *Movement in plants* 275 n2; climbing plants 284, 297 & 298 n4, 301 & 302 n7, 327 & 329 n3, n4, 330 n2; descent theory 315 & 316 n5; A. Dodel-Port's botanical atlas 233, 235, 240, 519, 520; FD may work at Sachs's laboratory in 1879: 327–8; FD worked at Sachs's laboratory in Würzburg, Germany xvii, xix, 119 n2, 225 & 226 n1, 239 n2, 242 & n4, 246

Correspondence Project

Index

[More Information](#)

Index

755

- n2, 249 n4, 289 n5, 302 n5, 307 n5, 328 n2, 358 n5, 405 n2, 416 n3, 448 n5, 530 n3, 534; FD's *Dipsacus sylvestris* discovery 248 & n3, 248 & 249 n4; fool's experiment 245 & 247 n10, 266 & 267 n7; grasses 66 & 67 n5, 68 & n4, 315 & 316 n7; heliotropism 315 & 316 n2, 327 & 328–9 n2, 328 & 329 n7; helped FD when he felt unwell 315; *Helvingia rusciflora* 309 & 311 n15, 321 n8, 325 n4, 331 & 332 n3; induction 308 & 310 n5; instruments (laboratory) xix, 298 n6; klinostat 298 n6; laboratory of plant physiology, Würzburg xix, 119 n2, 188 n3, 240 n8, 328 n2, 405 n2, 416 n3, 530 n3; *Lehrbuch der Botanik* 274 & 275 n2, 327 & 328 n2, 328 & 329 n7, 418 n7; lithium method for transpiration rates in plants 331 & 332 n4; moulds 315 & 316 n2, 327; movement in plants 275 n2, 308; on C.W. von Nägeli 315 & 316 n3; plants, properties of 315 & 316 n3; *Porlieria hygrometrica* 276 n2; properties of plants 315 & 316 n3, 324 & 325 n6; publications 186 & n4, 194 & n13; radicles xviii, 184 & 185 n5, 186 & 187 n5, 194–5 & 195 n3; sleep in plants 245, 274 & 275 n2, n3, 315 & 316 n6; stems loss of water 245; stomata 315 & 316 n8, 324 & 325 n5, 327 n6, 378 & 379 n4, 379 & 380 n4; *Text-book of botany* 2d ed. 418 & n7; K.A. Timiryazev's view of 320 & 321 n9; view of CD's suggestion of cutting sections of cotyledons to look at cell size 276 n7; on H. de Vries xx; on J. Wiesner xx, 308; Würzburg botanic garden, director 240 n8, *see also* bloom on plants (J. Sachs's work)
- Sachsse, Robert 129 & 131 n3
- Sackville-West, Lionel Sackville 215 & n1
- St. Helena 396 n2, 405 n3, n4, 406 & 407 n1
- Salix* (willows) 66 & 67 n7
- Salkowski, Ernst Leopold 408 n2
- saltbush (*Atriplex*) 372 & 373 n4
- Salvia*: *Cross and self fertilisation* 235 n6, 520 n6
- Salvia sclarea*: *Cross and self fertilisation* 241 n4, 521 n4; A. Dodel-Port 233 & 235 n6, 240 & 241 n4, 519 & 520 n6, 520 & 521 n4
- Sami (Lapp) people 55 & n2
- San Stefano, Treaty of 205 n2, 322 n11
- Sanguinetti, Herbert Samuel: change of address 264 & n1, n2
- Saporta, Gaston de: CD comments on *L'ancienne végétation polaire* 491 & n2; CD on development of plants 354 & 355 n3, n4; CD mentions to W.R. Greg 500 & 501 n4; CD mentions to C.G. Semper 470 & n5; CD notices not mentioned in W.T. Thiselton-Dyer's plant-distribution lecture 368 & 369 n7; CD reports J.D. Hooker's suggestion of *Ceratopteris* for Permian leaf 45 & n2; CD reports L. Lesquereux's Silurian fossil plants discovery 39 & n5; CD reports Permian leaf drawing sent to Hooker 38 & 39 n1; CD thanks for book on plants before appearance of man 491 & n1; CD thanks for congratulations on election to Académie des sciences 354 & 355 n2; comments on Hooker's identification of Permian leaf 58 & 60 n2, 509 & 510 n2; conference on ancient climates and plant development 60 n2, 510 n2; congratulates CD on election to Académie des sciences 339–40 & 340 n2, n3, 524 & 525 n2, n3; development of plants 58–60 & 60 nn 2–5, 339–40 & 340 n4, 508–510 & 510 nn 2–5, 524 & 525 n4; *Forms of flowers* French ed., presentation copy 423 n2, 530 n2; *Forms of flowers* French ed., view of 423, 530; *Le monde des plantes avant l'apparition de l'homme* 340 & n4, 524 & 525 n4; Permian leaf drawing 38 & 39 n1, 39 & 40 n5, 41 n5, 44 & n6, 45 & n2, 65 n3; sends lecture on ancient climates 58, 60 n2, n3, 508, 509, 510 n2, n3; Silurian fern 21 & n5
- Sayre, Lewis Albert 94 & 95 n5, n6
- Sayre, Lewis Hall 94 & 95 n6
- scarlet peacock butterfly (*Anartia amathea*) 153 & 154 n5
- scarlet pimpernel (*Anagallis arvensis*) 329 n4, 329 & 330 n5
- scented sundew (*Drosera whittakerii*) 199 & n3, 208 n5
- Schacht, Hermann 66 & 67 n4
- Scherzer, Julie Karoline 150 n2
- Scherzer, Karl von: CD comments on R.C. Virchow's address to Assembly of German Naturalists and Physicians xxii, 150 & n1, n2; CD congratulates on appointment 170 & n1, n2; CD will be in London and could meet Prince Rudolph 8–9 & 9 n2, n3
- Schimmelpenninck, Mary Anne 255 & 256 n15
- Schleiden, Matthias Jacob 66 & 67 n4
- Schlesische Gesellschaft für vaterländische Cultur (Silesian Society for National Culture): elected CD honorary member 541–2
- Schmidt, Oskar: *Anchithierium* 230 & 231 n3; FD sends Schmidt's article to CD 446 & 447 n6
- Schobloch, Anton: asks CD about hermaphroditism 110 & n1
- Schreiber, Ferdinand 233 & 235 n3, 234, 518 & 519 n3
- J.F. Schreiber 235 n3, 519 n3
- Schwann, Theodor Ambrose Hubert 174 n2, 377 & n2, 516 n2, 527 & 527–8 n2

Correspondence Project

Index

[More Information](#)

756

Index

E. Schweizerbart'sche Verlagshandlung: German collected edition of CD's works 390 n1, 395 n3; E. Koch, director of 390 n1

science: disregard for by British government xxv, 79

SCIENTIFIC VIEWS (CD): authors, CD comments on as judges of their own work 452; blood corpuscles 390 & n2; children's sounds before speech 293–4; cilia 151 & n2; colonization xxiii, 437; contraception (birth-control) xxiii, 265 & n1, 437 & 438 n4; cross-fertilising potatoes xxv, 92 & 93 n4, 107 & 108 n12, 259 & n2, 481 & n2; deaf-mutes 183 & 184 n1, 364; design, CD comments on P. Greg's 'Design in development' chapter 500–501 & 501 nn 1–8, 502 n9, n10; distribution of land and sea 223 & n4; earthquake waves 177 n1, 213 & n2; English public's reading tastes 488; flowers and general observers 360–61; fool's experiments 174, 266 & 267 n7; fuchsia 159 & n1; geographical distribution 248 & 249 n3; geological record, imperfection of 172 n2, 223 & n2; geological time 155, 258 & n4; geology 96; grafting 168 n7, 515 n7; human population, artificial checks to xxiii, 437 & 438 nn 3–5; musical perception 350 & n1, n2; natural history in Germany 431; physiology 148 & 149 n4; protoplasm 206 & 207 n7, n8; science, disregard for by British government xxv, 79; science and religion 455; selection of instincts 364; species, well-marked 394–5 & 395 nn 1–3; varieties, potato cultivation 113 & 114 n5; varieties and species 376; vivisection 148 & 149 n4, *see also* evolution; experimental work; geographical isolation and new species; inheritance; natural selection; variation

SCIENTIFIC WORK (CD): *Aegilops* 72 & 73 n3; *Anacamptis* 388 & n2; *Araujia sericifera* 31 & 35 n12, 43 & 44 n3, n4, 208 & n10; *Atriplex* 372 & 373 n4; bees 238 n2; bees, CD's 1848 notes on instinct in bees and wasps xxi, 238 n2, 242 n1, 244 n2, 472 n5; botanical observations and experiments xvii; botanical taxonomy, CD never worked on xxi, 344 & n5, 353 & n2; *Calathea* 304 & 305 n3; CD able to work a fair amount every day 52; CD on answering criticisms of his work 458; CD comments on work without FD xix, 195, 225 & n5, 276; CD enjoyed work on twiners 320 & 321 n5; CD finds (movement in plants) work, with no writing, wholesome but tiring 239; CD on helping a fellow science worker xxii, 96; CD on his work having been his greatest happiness xxvi, 474; CD on

his work method if he were experimenting on potatoes 102 & 103 n7; CD on his work strategy xvii, 52, 132, 166, 363, 388, 459; CD on humdrum work 365; CD on lack of time 179, 288; CD more interested in observing than writing 243; CD much overworked with investigations and letters 487–8; CD must go on with long and difficult investigation when he returns home 338 & n4; CD on observations and wasps 340 & 341 n3; CD often thinks his work overrated 364; CD overwhelmed with number of experiments in hand 125; CD on proving oneself wrong 372; CD regarded A.R. Wallace as co-discoverer of theory of evolution by natural selection 82 n4; CD responds to T. Meehan's comments on his *Linum perenne* observations xxiv, 195 & n1, 196 nn 2–4; CD satisfied his work may encourage a few Serbians towards natural sciences 50 & 51 n5; CD so absorbed with vegetable physiology that not likely to again attend to minds of higher animals 146; CD suffering from overwork (L. Darwin reported to G.H. Darwin) 63 n2; CD thanks W. Behrens for his remarks on CD's works 370 & 371 n6; CD thinks he should die outright if he had nothing to do xxvi, 388; CD wasted time on *Thalia*, but enjoyed the work 304; CD wonders whether he could solve a mathematical problem unconsciously 358; CD working hard 22 & 24 n7, 174, 419; CD working hard on *Thalia* 283 & n3, 288 & 289 n4; CD working hard on *Trifolium subterraneum* 321 & 322 n12; CD writes to FD about work while FD at J. Sachs's laboratory xix, 226 & nn 2, 3, 239 & nn 2–4, 240 n5, n6, 247–8 & 248 n2, 250, 252 & nn 2–9, 262–3 & 263 nn 2–4, 266–7 & 267 nn 2–9, 268 n10, 300–302 & 302 nn 2–12, 303 n13, n14, 306 & 307 n4, n6, 320–21 & 321 nn 2–10, 322 nn 11–13, 324–5 & 325 nn 2–7, 329 & 330 nn 2–6; CD's qualities as naturalist, J.B. Innes comments on xxiii, 460–61 & 461 nn 1–3; CD's reputation as investigator xxiii–xxiv; children's development (based on CD's children) xx; climbing plants experiments 320 & 321 n5; cross-breeding Chinese and common European geese 366 & n2, 367 n3; cross-fertilisation 92 & 93 n4; crossed plants, vigour of xxv, 76 n5, 92 & 93 n4, 106–7 & 108 n12; G.H. Darwin's drawings for CD's botanical research 280 n2; *Dionaea muscipula* 239–40 n4, 283 & n4, 288 & 289 n4; *Drosera anglica* 121 & 122 n3; *Drosera rotundifolia* 121 & 122 n3, 206 & 207 n8; earthworms 317; *Echinocystis lobata* 353 & n1; epinasty 383 n3; exudation of alkaline matter from

Correspondence Project

Index

[More Information](#)

Index

757

- leaves 461 n4; and FD, CD comments on their hard work 12 & 13 n4; FD likes hearing about CD's work 298 & n9; fertilisation of plants 388 & n2; fool's experiments 174, 194; glass tubes 378 & n2, 380 & n13, 381 & 383 n2; grasses 317 & 318 n3; instincts of animals xxi, 238 n2, 244 n3, 472 n5; instruments 266 & 267 n7; instruments for Jodrell laboratory 118–19 & 119 nn 2–5; *Leersia oryzoides* 317 & 318 n3; light intensity, proportional response to 321 n9; *Linum perenne* 23 & 24 n11, 61 & n4, 62 n5, 171 n3, n4, 195 & n1, 196 nn 2–4; *Listera* 388 & n2; *Lythrum* 388 & n2; *Maranta* 304 & 305 n3, 305; methodical selection 459 & 460 n6; *Mimosa* 379; mould 306 & 307 n6, 320 & 321 n10, 330 n3; *Mutisia clematis* 490 n4; natural history, CD pleased his work may encourage in others a taste for natural history 453; *Ophrys arachnites* 235 n6, 520 n6; pangenesis hypothesis 108 n2, 311–12 n3, 386 n3; *Pistia stratiotes* 490 n4; plant physiology 344 n5, 388, 395 & n2; *Plantago lanceolata* 220 n4; pollination theory 370 & 371 n6; *Pontederia* 12 & 13 n3, 145 & n6, 202 & 203 n5; primroses 179 & 180 n8; *Primula* 388; properties of plants 324 & 325 n6; *Pumilo argyrolepis*, achenes 226 & n2, n3; quills 378 & n2; A. Rich's view of 471; *Smilax aspera* var. *maculata* 490 n4; sterility in plants 132 & nn 1–4; *Sylidium* 291 & 292 n3; unconscious selection 459 & 460 n6; wasps, CD's 1848 notes on instinct in bees and wasps xxi, 238 n2, 242 n1, 244 n2, 472 n5; wasps and observations 340 & 341 n2; water for experiments 461 & n4; wheat 72 & 73 nn 2–7, 355 & n3, 362 & 363 n3; *Zea mays* 273 & 274 n3, n4, 276 & n3, 298 & n9, *see also* bloom on plants; *Drosera*; experimental work; movement in plants; plants; PUBLICATIONS; seedling plants; sleep in plants; species book; twiners and tendrils
- Slater, Philip Lutley 407 n2
- Scotch annulet (*Gnophos obscurata*: *Charissa obscurata*) 440 & n1
- Scott, Charles Brodrick 462
- Scott, John: maize 16 n3
- Scrophularia nodosa* (woodland figwort) 335 & 336 n8, 340 & 341 n3
- sea: distribution of land and sea 223 & n4
- sea-tidal observations 424 & 525 n5
- seakale 88 & n5, 252 & n6
- Second Afghan War 436–7 n2
- Sedgwick, Sara *see* Darwin, Sara
- Sedgwick, Theodora: visited J. Simon 77 & n2
- seedling plants: CD works on with FD 22 & 24 n8, 52 & n3; CD works on 166 & n3, 179 & 180 n5, 180 n5, 207 n4; growth patterns 137 & n3; light sensitivity experiment suggestion 411 & 412 n3; *Opuntia nigricans* 206 & 207 n5, 225 & n3; *Quercus pannonica* 304 & 305 n5; seeds requested for experimental work 185 n2; terminology 54 & 55 n2, *see also* Cactaceae; cotyledons; *Cycas*; *Oxalis*; *Oxalis* species; radicles
- seeds: burying of *see* burying of seeds
- Selaginella kraussii* (*S. kraussiana*; Krauss's clubmoss) 31 & 36 n17
- selection *see* methodical selection; natural selection; sexual selection; unconscious selection
- selection of instincts 364 & 365 n4
- semaphore plant *see* *Desmodium gyrans*
- Semper, Carl Gottfried: accepts CD's offer of typewriter as gift 314 & n1, n2, 320 & 321 n2; asks CD if he may use CD's letters to him in discussion of geographical isolation 468; career 266 & 267 n5, 285 n8, 310 n11; CD on arrangements for sending typewriter 318 & 319 nn 2–4; CD comments on C.W. von Nägeli and morphological features 469–70 & 470 n3; CD on geographical isolation 453–4 & 454 nn 2–4, 458–9 & 459 nn 1–3, 460 n4, n5, 469 n3; CD gives permission for Semper to use CD's letters 469 & 470 n2; CD offers typewriter as gift 303–4 & 304 n1, 306 & 307 n2, 310 n11; CD would like FD to call on 266 & 267 n5; on CD's and M. Wagner's views on geographical isolation 468–9 & 469 nn 1–4; dedication to CD of eyes of sea slugs work 262 n10, 266 & 267 n5; FD asks CD if he should call on 261 & 262 n10; FD visited Semper's laboratory 309 & 310 n11; geographical isolation 454 n3, 468–9 & 469 nn 1–4; sends greetings to Emma Darwin 405; sends greetings to Darwin family 469; sends greetings to FD 405 & n2; thanks CD for typewriter 405 & n1; typewritten letters 405 & n1, 468–9 & 469 n5; on J. Wiesner 309 & 310 n13; writer's palsy 285 & n8, *see also* typewriter
- Senecio* 226 & n3
- Senecio vulgaris* (common groundsel) 26 & 27 n5
- Senegalia* 285 n5
- Senna floribunda* *see* *Cassia floribunda*
- Senna hirsuta* *see* *Cassia pubescens*
- Senna multiglandulosa* *see* *Cassia tomentosa* L.
- Senna neglecta* *see* *Cassia neglecta*
- Senna obtusifolia* 203 n4, 318 n1
- Senna surattensis* ssp. *sulfurea* *see* *Cassia glauca*
- Senna surattensis* ssp. *surattensis* *see* *Cassia suffruticosa*
- Senna tora* *see* *Cassia tora*
- sensitive mimosas *see* *Mimosa*
- sensitive plant *see* *Mimosa pudica*

Correspondence Project

Index

[More Information](#)

758

Index

sensitive plants *see* *Mimosa*
 sensitiveness: *Dionaea muscipula* 283 & n4, 288 & 289 n4; transmitted 239–40 n4
 septic organisms: altered environment 260 & n1, 265 & 266 n1
 Serbia 50 & 51 n5
 sexual selection: butterflies 236 & n2, 237 n1, n2; daphnoids 237 n1; G.A. Gaskell 443
 Seychelles 352 n1
 shame plant *see* *Mimosa pudica*
 sheep: ancon 500 & 501 n6; merino 7–8 & 8 n2, n3
 shells (freshwater) and duck's foot 180–81 & 181 nn 1–6, 181 & n3, 210 & n3
 Sherlock, Thomas Travers: development of noble natures 156–7 & 157 n1, n2
 shrubby woodsorrel *see* *Oxalis plumieri*
Sida rhombifolia (arrowleaf sida) 329 & 330 n4
Siegesbeckia flexuosa: may refer to *Siegesbeckia jorullensis* 415 n7; W.F.P. Pfeffer refers to as 415 n7, 418 n6
 Sierra Nevada 407 n7
Siegesbeckia jorullensis 415 n7
Silene acaulis (cushion-pink; moss champion) 335 & 336 n4, n6
Silene inflata (*S. vulgaris*; bladder champion) 335 & 336 n6
 Silesian Society for National Culture (Schlesische Gesellschaft für vaterländische Cultur): elected CD honorary member 541–2
 silk tree (*Albizia julibrissin*) 297 & 298 n3, 309 & 310 n8
Siloxerus multiflorus *see* *Pumilo argyrolepis*
 Silurian fossil plants 21 & n5, 39 & n5
 silver-edged primrose (*Primula marginata*) 378 & 379 n7
Simia satyrus *see* *Pongo pygmaeus*
 Simon, John: sends paper on cancer 77 & n1
Sinapis alba (white mustard) 327 & 328–9 n2
Siproeta stelenes *see* *Victorina steneles*
 siren xix, 464 & n3, 491–2 & 492 n2
 siris tree (*Albizia lebeck*; woman's tongue) 309 & 310 n9
Sium (water parsnips) 406 & 407 n2
Sium helenianum (*Berula bracteata*; jellico) 407 n3
Sium thunbergii (*Berula erecta*; lesser water-parsnip) 406 & 407 n3
 'Skerry Blue' potato 127 & 128 n2, 257, 259 n3
 Skertchly, Sydney Barber Josiah: career 101 n2, n4; CD comments on Skertchly's work and will send autograph xxii, 96 & 97 n5; CD thanks for book 96 & n3; coral reefs 101 & n4; notes included in J. Geikie's book on ice age 80 & 82 n3, 96 n4; Palaeolithic flint implements discovered 80 & 82 n3; Palaeolithic people 81 &

82 n3; Palaeolithic period 100 & 101 n2, 126 n2; requests CD's autograph with one of his books 81; requests copy of *Origin* 101 & n3; sends book on fenland geology 80 & 82 n1, 96 n3; thanks CD for interest in work 100 & 101 n1; thanks for copy of *Origin* 125–6 & 126 n1
 sleep in plants: Marantaceae 315 & 316 n6; noon-day sleep 329 n8; J. Sachs 245, 274 & 275 n2, n3, 315 & 316 n6
 sleep in plants (CD's work): asks FD to compare species with great cotyledon movement at night and *Oxalis corniculata* 350 & 351 n3, 445 n2; *Caladium esculentum* 250 n3, 259 n2; *Cassia* 138 n6; CD requests plant identification from leaf of monocotyledon sleeper 250 & n3; CD works on xvii, 138 & nn 2–6, 239 n3; CD's plant requests 138 & n6; circumnutation 288, 321 n5; injured plants during experiments 138, 146 n2; Leguminosae 289 & 290 n10, 320 & 321 n4; *Movement in plants*, list of sleeping plants 262 n11, 288 & 289 n2; nature of 239 & n3, 288, 321 n5; *Oxalis* 56 & 57 n2, 242; *Oxalis floribunda* 242 & n3, 327 n5; *Oxalis rosea* 327 n5; *Oxalis valdiviensis* 242 & n3, 327 n5; pulvini 445 n2, 449 n5; purpose of 138 & n2; *Sida rhombifolia* 329 & 330 n4, *see also* *Portiera hygrometrica*
 sleep in plants (FD's work): *Adenantha pavonina* 284 & 285 n4, 309 & 310 n9; *Albizia lophantha* 284 & 285 n4; *Anagallis arvensis* 329 n4, 330 n5; *Bauhinia richardiana* 284, 308 & 310 n8; *Cassia baccata* 284 & 285 n4; CD asks him to compare species with great cotyledon movement at night and *Oxalis corniculata* 350 & 351 n3, 445 n2; CD asks him to look for sleeping plants in Würzburg botanic garden 239 & 240 n8, 329 & 330 n4; CD thanks for sleeping plants listed 289 & 290 n10, 301 & 302 n12; *Edwardsia chrysophylla* 284 & 285 n4; *Gossypium* 284 & 285 n5, 308 & 310 n7; *Gossypium brasiliense* 285 n5; *Gossypium maritimum* 285 n5; growth in pulvini 261 & 262 n4; *Indigofera teysmannii* 284 & 285 n4; *Indigofera tinctoria* 284 & 285 n4; *Ligophyllum guaiacum* 284 & 285 n4, 316 n6; Malvaceae 329 n5, 329 & 330 n4; *Mimosa* 140 n1, 284 & 285 n4; *Oxalis acetosella* 284 & 285 n4; *Oxalis floribunda* 284 & 285 n4; *Oxalis regnellii* 284 & 285 n4; *Oxalis vespertilionis* 284 & 285 n4; plants found in Würzburg botanic garden 284 & 285 n3, n4, 290 n10, 295, 297 & 298 n2, n3, 301 & 302 n12, 328 & 329 n5; *Portiera hygrometrica* xx, 245 & 246 n6, 261 & 262 n3, 261 & 262 n8, 264 & 265 n3, 267 n6, 277 & 278 n3, 278, 290 n9, 297 & 298 n8, 309 & 310 n10, 314 & 316 n1, 321 n4;

Correspondence Project

Index

[More Information](#)

Index

759

- reports J. Sachs's views on 245, 274 & 275 n2, n3, 315 & 316 n6; *Tamarindus indicus* 284 & 285 n4; *Zygophyllum fabago* 277 & 278 n2
- small cabbage white butterfly (*Pieris rapae*) 247 n10
- Smilax* (greenbrier) 342 & n7, 352 & 352–3 n3, 525–6 & 526 n7
- Smilax aspera* var. *maculata* (rough bindweed) 490 n4
- Smith, Charles Hamilton 217 & 218 n5
- Smith, Frederick: CD sends specimens to 114–15 & 115 n1; thanks for harvesting-ant specimens 118 & n1
- Smith, Henry John Stephen 183 & n5
- Smith, H.W. 439 & 440 n6
- Smith, John 294 & 295 n6, 326 & 327 n4
- Smith, Stephen 94 & 95 n6
- Smith brothers 476 & n6
- Smithia pfundii* (*Aeschynomene pfundii*) 381 & 383 n4
- Smithsonian Institute: R.A. Blair writes to arrange sending of goose wings to W.H. Flower 279 & n1, n2; worldwide exchange system for delivery of packages 279 n2
- smooth senna (*Cassia glauca*; *Senna surattensis* ssp. *sulfurea*) 297 & 298 n3
- Smyth, James David Hirst 439
- snails 228–9
- social instincts: *Descent* 434 & 435 n8, 435 n5
- social virtues: *Descent* 435 n5
- Solanum*: potatoes members of genus 381 n1
- Solanum dulcamara* (woody nightshade; bittersweet) 381 & n1, 387 & n1
- Solanum lycopersicum* see tomato
- Solanum melongena* (eggplant; aubergine) 413 & 414 n3
- Solanum tuberosum* see potatoes
- Sophora chrysophylla* see *Edwardsia chrysophylla*
- Sorby, Henry Clifton: animal and vegetable colouring matter 72 & n2
- sound: sensitivity of plants to xviii–xix, 464 & n2, 466 n1, 491 & 492 n2
- South American Missionary Society 163 n2, n4, 185–6 n1, 422 n1, 428 n3
- South Eastern Railway 461 n3
- Spanish chestnut (*Castanea sativa*) 329 & 330 n6, 447 & 448 n6, 448 & 449 n6, 449 & 450 n2
- species: well-marked 394–5 & 395 nn 1–3
- species book (CD): 1848 notes on instinct in bees and wasps used as chapter 10 'Mental powers and instincts of animals' 238 n2; CD sends two pages from instincts of animals chapter 10 to G.J. Romanes 238 n2; CD unlikely to find time to prepare long chapters for publication 243; chapter 10 abstracted for *Origin* 243 & n2; chapter 10 published as appendix in G.J. Romanes, *Mental evolution in animals* 242 n2, 244 n3; manuscript (second part) published as *Charles Darwin's Natural selection* (1975) xxi, 242 n2, 243 n2, 244 n1; notes on animal instinct supplied to G.J. Romanes xxi; G.J. Romanes hopes CD's notes will be published somewhere 241 & 242 n2
- species and varieties: terminology 376
- 'Specific difference in *Primula*' (CD) 179 n2
- spectroscope 244 & 246 n2
- Spencer, Herbert 365 & n5, 375 n8, 433 & 435 n5; introduced phrase 'survival of the fittest' 435 n4, 440 n3
- spermaceti ointment 10 & n2, 10–11 & 11 n1
- Spermophagus* (*Amblycerus*) 200 n3, 203 n3
- Sphaerotheca pannosa* 93 n3
- Sphenophyllum* 21 & n5, 39 n5
- sphinx-moth: and *Hedychium* 237 & n5
- spiders 369 & n1
- spiritualism: K.E. Farrer 44 n2; A. R. Wallace 349 n11, 442 n1, 490 & 491 n2, 531 & 532 n2; H. Wedgwood 44 n2, 390 & 391 n2; C.E. Williams 390 & 391 n1, n2
- Spitzka, Edward Charles: chimpanzee brain anatomy 94–5 & 95 n1
- splenic fever 5 & 5–6 n2
- spontaneous generation of life: W.H. Dallinger and J.J. Drysdale challenge theory 260–61 n3; J.D. Hooker 402 & 403 n7
- spoon-leaved sundew (*Drosera spatulata*) 20 & 21 n1, 388–9 & 389 n1, 391 & n2
- Spottiswoode, William: CD inquires about H.R.H. Pinker and H. Willett's plan to present a bust of CD to the Royal Institution xxi, 277 & n2, n3; electrical discharge in a gas 402 & 403 n4, 407 & n6; on Pinker's plan 282 & n1, n2; Royal Institution, secretary 277 n3, 282 n2; Royal Society, president 232 n4; Royal Society, publication fund 231 & 232 n3, 265 n2, 268 & n2; Royal Society, treasurer 232 n3, 265 n2; signatory to memorial to Cambridge University 463
- sprawling needle sunrose (*Helianthemum procumbens*; *Fumana procumbens*; procumbent rock-rose) 30 & 35 n7, 40 & 41 n3
- Sprengel, Christian Konrad: W. Behrens on work of 370 & n3; *Das entdeckte Geheimniss der Natur im Bau und in der Befruchtung der Blumen* 54 & 54–5 n1, 56 & 57 n1
- Stachys germanica* (downy woundwort) 293 & n1, 295 & n2
- Stahl, Ernst: cited in *Movement in plants* 316 n4; swarm-spores 315 & 316 n4
- Stanford, Edward 386 & n3

Correspondence Project

Index

[More Information](#)

760

Index

Stanhope, Philip Henry 221 n1
 Stanley, Arthur Penrhyn 462, 474 & n4
 Stanley, Edward Henry 205 n2
 Stanley, Mary Catherine: sends fish bone fragment 215 & n1, n2
Stapelia 248 & 249 n2
Stapelia sarpedon 243 n8, 249 n2
 Staudinger, Otto 153 & 154 n4
Stauntonia 329 & 330 n2, 330 & 331 n2
 Stecker, Anton: asks about Russian edition of *Origin* 111 & 111 n2; CD authorises Czech translation of *Origin* 117 & 118 n1; CD on *Origin* editions 117 & 118 n2; FD informs that CD cannot promise help regarding natural history appointments 125 & n1; plans to publish Czech translation of *Origin* 110 & 111 n1, 115 & n1; seeks a natural history appointment 115; writes to FD 115 & n1, n2
 stems *see* twisted stems; woody stems
 Stephen, Leslie 534
 sterility in plants: CD comments on 132 & nn 1–4; J. Torbitt 126–7
Stipa 178 & 179 n5, 179 & 180 n3
Stipa pennata (feather grass) 179 n5
 stock breeding 8
 Stokes, Francis Griffin: CD on young children's sounds before speech 293–4
 Stokes, George Gabriel: CD comments on S. Haughton's 'Note on physical geology' xxiv, 172–3 & 173 n1, n2
 stomata: bloom on plants 327 n6; J.D. Hooker 114; J. Sachs 315 & 316 n8, 324 & 325 n5, 327 n6, 378 & 379 n4, 379 & 380 n4
 stomata (CD's work): *Portiera hygrometrica* 275 & 276 n2, 297 & 298 n8, 300 & 302 n4; suggests cabbage experiment to FD 357 & 358 n3; suggests FD uses his own observations 379 & 380 n2; variation in 379 & 380 n3
 stomata (FD's work): bloom 16 n2, 358 n3, 372 & 373 n4, 378 & 379 n3, n5, n6; *Broussonetia papyrifera* 379 n5; CD suggests cabbage experiment 357 & 358 n3; *Lactuca serriola* 331 & 332 n6; on looking at stomata himself compared to using others' observations 378 & 379 n4; *Portiera hygrometrica* 297 & 298 n8, 302 n4; published sources for original information about 379 n6; *Trifolium resupinatum* 315 & 317 n9, 373 & n4; *Vicia sativa* 378 & 379 n6
 Stone, William Henry 463
 Stonor, Thomas, 3rd Baron Camoys 204 & 205 n4
 Strasburger, Eduard: CD thanks for essay on swarm-spores 403–4 & 404 n1, n2; A. Dodel-Port's botanical atlas 233, 234, 519; sends

publication on polyembryony 415–16 & 416 nn 2–5, 529 & 530 nn 2–5
 Strauss, David Friedrich 37–8 & 38 n6, 504 & n6
 Street, James Christopher 439
Strephium floribundum (*Raddia brasiliensis*) 243 n8
 stridulation 4 & n5; R. Meldola discussed with J. Wood-Mason 4 & n5
 Strutt, John William, 3rd Baron Rayleigh 183 & n5, 424 & 425–6 n1
 Stuart Glennie, John Stuart 439
 Sturtevant, Edward Lewis: sends account of maize 13 & 16 nn 1–5
Styliidium 291 & 292 n3
 subterranean clover *see* *Trifolium subterraneum*
 subterranean flowers 144–5 & 145 n4
 Suess, Eduard 256 & 256–7 n2
 Suess, Paula Aloisia 256 & 256–7 n2
 Sulivan, Bartholomew James: career 163 n4; CD returns enclosure about Fuegians 422–3 & 423 n2; CD subscribes to Jimmy FitzRoy Button's education 166 & n1; CD thanks for news of *Beagle* crew 422 & 423 n3; CD on work and family news 422 & 423 n4, n5; health 421; Jimmy Button's grandsons 162 & 163 n2, n3; reports family news 421 & 422 n3; returns CD's cheque 185 & n1, 186 n2; sends enclosure about Fuegians 421 & 422 n1; sends greetings to Emma Darwin 422; sends news of *Beagle* crew members 422 & n4; South American Missionary Society 163 n4, 185 & 185–6 n1, 422 n1, 428 n3; Tierra del Fuego 427–8 & 428 nn 1–3
 Sulivan, Henry Norton 162 & 163 n1, n6
 Sulivan, James Young Falkland 421 & 422 n3
 Sulivan, Sophia 163 n5, n6
 Sulivan, Sophia Henrietta 163 n6
 sun cactus (*Cereus speciosissimus*; *Heliocereus speciosus*) 31 & 35 n13
 Sunday Evenings for the People 275 n9
 Sunday Lecture Society: asked FD to lecture 274 & 275 n9; CD supporter of 274 & 275 n9
 sundew, common *see* *Drosera rotundifolia*
 sundews *see* *Drosera*
 SUPPORT FOR CD'S THEORIES: A.L. Adams 370; J.A. Allen 323; E.B. Aveling 394 & n1, 397 & n2; W. Behrens 370 & 371 n6, 412; É. Beneden 174, 516; G. Bentham 337; P. Broca 333, 523; A. de Candolle 341, 525; W.H. Dallinger 260; J. Delboeuf 365; F. Delpino 167, 514; A. Dodel-Port xxii, 233–5 & 235 n2, n5, n7, 240–41, 518–19 & 519 n2, n5, 520 n7, 520–521; E. Du Bois-Reymond 427; L.A. Errera 345; J.F. Fisher 346 & 348 n1, 348 n2, n4;

Correspondence Project

Index

[More Information](#)

Index

761

- A. Gaudry 423, 530; E. Haeckel 37 & 38 n4, 47, 52, 150 & n1, n2, 504 & n4, 505; É. Heckel 349 & n1; C. Kraus xxii, 37–8 & 38 nn 2–7, 48–9, 503–4 & 504 nn 2–7, 506, 508; N. Lewy 196, 387 n3, 516; T. Meehan 171; R. Meldola 25; S. Miliarakis xxii, 46 & n5, 505 & n5; E. Mojsisovics von Mojsvár xxii, 172 & n1, 222–3 & 223 n1, 258 & n4; A. Moschkau 141 & 143 n3, 142, 511 & 512–13 n3, 512; M. Neumayr 258 & n3; W. Ogle 488 & 489 n5; W.K. Parker 19; B.J. Placzek 386 & 387 n2; H. Potonié 164, 513; A. de Quatrefages 337 n2, 342 & n5, 525 & 526 n5; Marinko Radovanović 372; H.N. Ridley 456–7; G.J. Romanes 364 & 365 n1; G. de Saporta 339, 524; O. Schmidt 447 n6; A. Schobloch 110; C.G. Semper 314; S.B.J. Skertchly xxii, 80, 81; E. Strasburger 416, 529; D.F. Strauss 37–8 & 38 n6, 504 & n6; J.E. Taylor 249, 250 & n2; E. Vignes 367 & n1; A.S. Wilson 87, 335; younger naturalists 47, 505
- ‘survival of the fittest’: CD first used phrase in *Variation* 440 n3; H. Spencer introduced phrase 435 n4, 440 n3
- swamp wattle (*Acacia retinoides*) 289 & n6
- swarm-spores: E. Stahl 315 & 316 n4; E. Strasburger 403 & 404 n1, n2
- sweet acacia (*Mimosa farnesiana*; *Vachellia farnesiana*) 245 & 246 n6
- sweet violet (*Viola odorata*) 26 & 27 n4
- sweetcorn (*Zea mays* var. *saccharata* or *rugosa*) 13 & 16 n2, 14, 15
- Syldium* 291 & 292 n3
- Symonds, William Samuel 326 n3
- Symons, George James 183 & n5
- sympathy: *Descent* 433 & 435 n6, 437 & 438 n2; G.A. Gaskell 443 & 444 n6
- Syrian beancaper (*Zygophyllum fabago*) 277 & 278 n2
- Tahiti: arreo sect 438 n5
- Tait, Peter Guthrie 425 & 426 n10
- Tamarindus indicus* (*Tamarindus indica*; tamarind) 284 & 285 n4
- Tamus communis* (black bryony) 263 & n4, 274 & 275 n6
- Tangl, Eduard Josef 248 & n5
- taxonomy: CD never worked on botanical taxonomy xxi, 344 & n5, 353 & n2
- Taylor, Ebenezer Isaac 94 & 95 n4
- Taylor, John Ellor: CD thanks for book and inscription 250 & n2; cites *Forms of flowers* 249 n1; sends book 249 & n1, 251
- teasel, common see *Dipsacus sylvestris*
- Tecoma capensis* see *Bignonia capensis*
- telegraph plant see *Desmodium gyrans*
- Temple, Frederick, bishop of Exeter 462 & 463 n6
- tendrils see twiners and tendrils
- tenus (*Clostridium tetani*) 260 & 261 n4
- terminology: apogeotropism 43 n5; cotyledons 55 n2, 65 & n4; Darwinian theory 316 n5; descent theory 316 n5; epinasty 289 & n5, 308 & 310 n6; evolution 229 & n1, 232 n2, 316 n5; *Forms of flowers* 43 n5; geotropism 43 n5; grass seedlings 67 n3, 68 n5, 246 n2; A. Gray 42 & 43 n5, 68 & n3; heliotropism 43 n5, 306 n12; hyponasty 289 & n5, 308 & 310 n6; movement in plants 42 & 43 n4, 289 & n5; *Movement in plants* 43 n5, 55 n2, 246 n2; Palaeartic 407 n2; phyletic 477 & n4, 487 & n2; *phyletische* 477 & n4, 487 & n2; plasmolysis 6 n4; plumule 55 n2, 56 & 57 n3; *Primula* 2 & n1; seedlings 54 & 55 n2; varieties and species 376
- Thalia*: CD asks W.T. Thiselton-Dyer for any species in flower 291 & 292 n4, 295 n5
- Thalia dealbata* (powdery alligator-flag): F. Delpino 302 n6
- Thalia dealbata* (powdery alligator-flag; CD’s work): CD asks G.H. Darwin for drawings of pistil 279–80 & 280 n2, 283 n3; G.H. Darwin’s drawings of 286 & 287 n1, 286, 287, 290 & n2; learns of F. Delpino’s *Maranta* (an allied genus) observations 301 & 302 n6, 304 & 305 n2; *Movement in plants* 276 n4; observations 276 & n4, 283 & n4, n5, 288 & 289 n4, 290 & n3, n4, 291 & 292 n2, 301 & 302 n6, 304 & 305 n2, 305; sent from Kew 291 & 292 n2; will delay writing paper on 288, 304 & 305 n2
- Thayer, James Bradley: CD thanks for return of C. Wright’s letters 56 & n1; returns C. Wright’s letters which CD lent Thayer 29 & n1, 30 n2, n3
- theory of descent see descent theory
- Theraphosa blondi* (Goliath birdeater) 311 n14
- thermograph 88 & n6
- thermometer received from Kew 266
- Thiselton-Dyer, Frances Harriet 185 n6
- Thiselton-Dyer, Harriet Anne: CD comments (to W.T. Thiselton-Dyer) on health of 206 & 207 n9, 225 & n6, 304 & 305 n8; CD hopes is well 184 & 185 n6, 242 & n6, 415 & n2, n5; holiday 415 n2, 418 & n2; J.D. Hooker’s daughter 379 n9; seaside visit 188 & n6, 207 n9; visits Down 534
- Thiselton-Dyer, William Turner: *Abies nordmanniana* 294 & 295 n8; *Aegilops ovata* 86 & 87 n3; answers CD’s queries, with enclosures 30–34 & 35 nn 1–15, 36 nn 16–24; *Arachis* 30 & 35 n10,

Correspondence Project

Index

[More Information](#)

762

Index

154 & n2; burying of seeds 40 & n2, 41 n4, 43 & 44 n5, 499 & n1; *Caladium esculentum* identified for CD 259 & n1; *Calathea* 294 & 295 n6, n7; CD on *Arachis hypogaea* 368 & n4; CD asks about heliotropic roots 305 & 306 n12, 368; CD asks for *Cycas* observed's identity 223 & 225 n2; CD asks for help with observing *Arachis hypogaea* burying pods 208 & n11, 305 & n10; CD asks J.D. Hooker to thank Thiselton-Dyer for help 146 & n2, 489 & 490 n5; CD asks for *Thalia* species in flower 291 & 292 n4, 295 n5; CD asks to thank Hooker for *Trifolium striatum* identification 326 & 327 n6; CD on *Atriplex* 372 & 373 n4; CD comments on his August holiday xxvi, 305 & 306 n11; CD comments on R.I. Lynch 418 & n5; CD comments on work without FD xix; CD on *Cyclamen persicum* 65 & n5, 154 & n3; CD on experimental work 372; CD on FD's German visit 242 & n4, 248 & n4; CD finds many interesting things in Thiselton-Dyer's letters 304; CD on D.S. Galton and H. Darwin 248 & 249 n5; CD on Hooker's workload 242 & 243 n7; CD on instruments for Jodrell laboratory 118–19 & 119 nn 1–6; CD learns of F. Delpino's *Maranta* observations from 301 & 302 n6, 304 & 305 n2; CD notices G. de Saporta not mentioned in Thiselton-Dyer's plant-distribution lecture 368 & 369 n7; CD offers *Drosera whittakeri* to Kew 199 & n3; CD on onion plumule 65 & n4; CD on *Oxalis* seedlings 242 & n3; CD on *Quercus pannonica* 304 & 305 n5; CD on radicles xviii, 184 & 185 n8; CD on reading German 418 & n7; CD requests heliotropic or apheliotropic roots 368; CD requests *Oxalis carnosa* again 373 & n2; CD requests plant identification 249–50 & 250 n2, n3; CD requests plant seeds 60 & 61 n2, 184 & 185 n2, n3, 199 & n5, 206 & 207 n5, n6, 225 & n3, 418 & n3, 446 n2; CD requests plants 199 & n4, 271 & n4, 305 n6; CD requests plants and seeds 242 & 243 n8, 414–15 & 415 n2, n7; CD requests *Trifolium resupinatum* seeds 326 & 327 n6; CD returns plants to Kew 207–8 & 208 nn 2–11, 372 & 373 n2, n3; CD on Royal Botanic Gardens opening hours 225 & n7; CD says H. Lettington will be pleased by R.I. Lynch's comment 43 & 44 n4; CD sends *Cassia* seeds 368 & n3; CD sends thanks from G. de Saporta about Permian leaf 65 & n3; CD sends thanks to G. Henslow for note on grasses 65 & 66; CD sends thanks to Hooker for Henslow's note on grasses 65 & 66 n7; CD on *Thalia dealbata* 291 & 292 n2, 304 & 305 n2, 305; CD thanks for all

his help 445–6 & 446 n2, n3; CD thanks for *Forms of flowers* review 154 & n1; CD thanks for heliotropism comments 198 & 199 n1, n2; CD thanks him for plant information and sends thanks to the others who helped 39 & n2; CD thanks for plants and seeds 206 & 207 n2, 248 & 249 n2, 326–7 & 327 nn 2–5; CD thanks for seeds 65 & n2, 418 & n3; CD thanks for seeds and information 43–4 & 44 nn 2–6; CD thanks for *Trifolium resupinatum* seeds 368 & n2; CD on Thiselton-Dyer's lecture reported in *The Times* 184 & 185 n7, 198 & 199 n2; CD on Thiselton-Dyer's plant-distribution lecture 304 & 305 n9, 368 & n6; CD wishes to observe Cactaceae xvii–xviii; A.H. Church's work 294 & 295 n3, n4; *Cyclamen* 154 n3; cyclamen, CD will use information in new edition of *Forms of flowers* 39 & 40 n3; *Diplacus glutinosus* 294 & n2; FD visited Kew 188 & n4; *Forms of flowers*, review 154 & n1, 208 n11, 544; *Glossostigma elatinoides* 294 & n1; heliotropism in moulds 187–8 & 188 n3, 320 & 321 n10; on heliotropism in response to CD's comment on *The Times* report 187–8 & 188 n2, n3, n5, 199 n2; helped Hooker with Royal Society presidential address 486 & n5; holiday 378 & 379 n9, 415 n2, n5, 418 n2; Hooker tells CD that Thiselton-Dyer answered CD's queries 326 & n2; Jodrell laboratory 119 n1; lecture, 'Plant-distribution as a field for geographical research' 248 & 249 n3, 304 & 305 n9, 368 & n6, 369 n7; lectures on vegetable morphology 184 & 185 n7, 187 & 188 n2; R.I. Lynch dealing with CD's requests 187 & 188 n1; Marantaceae 294 & 295 n6; G. Nicholson 294 & 295 n6, 305 n2; orchid, positively heliotropic aerial roots 188 & n5; plants and seeds sent 243 n8, 249 n2, 271 n4, 357 & 358 n2; on protoplasm 185 n7, 187–8, 206 & 207 n8; Royal Agricultural Society's support for potato disease research 91 n4; Royal Botanic Gardens, assistant director 45 n2, 87 n3, 146 n2, 185 n2, 379 n9; G. de Saporta's Permian leaf drawing 38 & 39 n1, 39 & 40 n5, 40 & 41 n5, 44 & n6, 45 & n2, 65 & n3; seaside visit 188 & n6, 207 n9; sends *Commelina benghalensis* specimen 499, 499 & nn 1–5; teaching botany classes 305 n7; terminology, seedlings 54 & 55 n2; *Thalia*, none in flower 294 & 295 n5; J. Torbitt's paper on potato disease 93 & 94 n4; visits Down 35 n1, 534
Thompson, D'Arcy Wentworth 399 n1
Thompson, Henry 493 & 494 n2
Thomson, Robert: CD comments on earthquake

Correspondence Project

Index

[More Information](#)

Index

763

- waves 213 & n2; earthquake waves 175–7 & 177 n1
- Thomson, William: G.H. Darwin refers to Thomson's work 293 n3; G.H. Darwin's work 416 & n3; geological time 62 & n2, 417 n4; obliquity of the ecliptic 424 & 426 n4; T.M. Reade comments on Thomson's work 62 & n2; report on G.H. Darwin's paper 'On the bodily tides of viscous and semi-elastic spheroids, and on the ocean tides upon a yielding nucleus' 424–5 & 425–6 n1, 428 n2; G.J. Romanes's animal intelligence lecture 361 & 362 n5; suggests Down as possible location for instrument to measure lunar gravity 424 & 426 n2, 428 n3; and P.G. Tait summarise A.R. Clarke's conclusions about shape of the earth 425 & 426 n10
- thread-leaved sundew (*Drosera filiformis*) 115 n2
- 'Three forms of *Lythrum salicaria*' (CD) 318 n3
- Thymus* 219 & 220 n3
- Thymus serpyllum* (Breckland thyme) 220 n3, 335 & 336 n5
- Thynne, John Alexander, 4th marquess of Bath 204 & 205 n4
- tides: sea 424 & 525 n5
- Tieghem, Philippe van 66 & 67 n2, n7, 68 & n5
- Tierra del Fuego 427–8 & 428 nn 1–3; cattle 421 & 422 n1, 422 & 423 n2, 427 & 428 n2; native peoples 423 n2, 427
- tiger leafwing (*Anaea fabius*; *Consul fabius*) 318 n4
- tiger's claw (*Erythrina spathacea*; *E. variegata*) 297 & 298 n3
- The Times*: CD's election to Académie des sciences 337 & n1; declaration regarding threat of war with Russia 205 n2; G.J. Romanes responds to editorial 375 & n3; W.T. Thiselton-Dyer's lecture on vegetable morphology 184 & 185 n7, 187 & 188 n2, 199 n2
- Timiryazev, Kliment Arkadievich: chlorophyll 246 n2; 'Sur la décomposition de l'acide carbonique dans le spectre solaire, par les parties vertes des végétaux' 320 & 321 n9; visited Down 119 & n3
- tomato (*Solanum lycopersicum*) 117 & n3, 414 n1; supposed hybrid 413 & 414 n1, n4
- toothwort, common (*Lathraea squamaria*) 137 & n3, 138 n5
- Torbitt, James: apologises for *Solanum dulcamara* mistake 387 & n1; asks permission to send to the press the enclosed letter to S.H. Northcote containing extracts from CD's letters (to Torbitt) xxiv, 73–4 & 76 nn 1–7, 105 n4; career xxiv, 111 & n2, 413 n3, 481 & n3; and W. Carruthers 104 & 105 n3; CD asks him to send note on amount of aid required 133 & 134 n3; CD comments on Torbitt's personality to J.D. Hooker 97 & 98 n7; CD comments on Torbitt's report (12 December) 487–8 & 488 nn 2–6; CD discusses Torbitt's work including finance xxv, 79, 85–6 & 86 nn 3–6, 90 & nn 1–4; CD gives permission for use of his letter extracts 79 & n1; CD makes enquiries about Torbitt's reputation 106 & 107 n4, 111 n1, 117 & n5, 140 & 141 n5; CD reports meeting with T.H. Farrer 85–6 & 86 n4, n6; CD reports potatoes received at Down 85 & 86 n3; CD on sterility in plants 132 & nn 1–4; CD suggests plan if no government support xxv, 101–2 & 102 nn 1–5, 103 n6, n7; CD suggests sending copy of Torbitt's letter to Northcote to T.H. Farrer and J.D. Hooker 79 & n2, n3, 84 n2, 89 n2, 92 n1; CD on varieties 113 & 114 n5; CD's financial contribution xxv, 102 & 103 n6, 106 & 107 n5, 132 n1, 133 n3, 136 & n2, 136 & 137 n3, 140 & 141 n7, 149–50 & 150 n1, n2, 258 n1, 481 n3; CD's financial contribution pledged 90, 93 & 94 n5, 97 & 98 n5, 99 & n5; CD's letter to T.H. Farrer, CD will send to Torbitt when J. Caird returns it 102 & n5; CD's letter to Farrer, Torbitt returns to CD having made a copy 122 & 124 n1; correspondence with CD on potatoes from 1876: 481 n1; describes potato experiments in detail 126–8 & 128 nn 1–6; discusses potato project 84–5 & 85 nn 1–5, 104 & n2, 105 & nn 3–7, 119–20 & 121 nn 2–4, 122, 257 & 258 n1, n2, 387 & n2, 480–81 & 481 nn 1–3; paper on potato disease 93 & 94 n4; plan described (potato project) 104 & 105 nn 4–7, 126–8 & 128 nn 1–6, 151, 179 & 180 n7; receives CD's financial contribution 99 & n5; returns CD's cheque 136 & n2, 136 & 137 n3, 140 & 141 n7; sends finance request at CD's request 136 & n2; sends *Solanum dulcamara* 380–81 & 381 n1; sends testimonials on potato varieties grown to CD 122–3 & 124 n3; sent CD potato seeds and pamphlet on potato blight (1876) 103 n7; sent his Northcote letter copies to Farrer and Hooker 85 & n2; sent potato seeds to members of Parliament (1876) 104 & 105 n7; thanks CD for cheque sent back to him 151 & 152 n1; thanks for CD's permission to publish letter extracts 84 & 85 n1; thanks for comments on sterility of plants 136 & 137 n2; thanks for finance and will use cheque in last resort 104 & n2; thanks for offer of finance 84–5 & 85 nn 1–5; will report on year's activities 387 & n2, 410, 413; writes to S.H. Northcote on potato cultivation xxiv,

Correspondence Project

Index

[More Information](#)

764

Index

74–6 & 76 nn 2–7, 89 n2, 104 & 105 n4, 106 & 107 n6, 114 n4, 387 n2, *see also* potatoes (J. Torbitt's project); potatoes (J. Torbitt's project, CD's letter to T.H. Farrer of support for)

torch lily (*Tritoma*; *Kniphofia*; red-hot poker) 340 & 341 n3

tortoises 351 & 352 n3

transmitted sensitiveness: *Insectivorous plants* 239–40 n4

transmutation theory: J.B. de Lamarck 337 n2; C.W. von Nägeli 316 n3; B.J. Placzek 387 n2

Trattinnick, Leopold 31 & 36 n19

Treat, Mary 115 n2; harvesting ants 118 & n2

tree tobacco *see Nicotiana glauca*

Trevelyan, George Otto 463

Triassic lacustrine deposits in South Africa 29 & n2

Trifolium pratense (red clover) 355 n2

Trifolium repens (white clover) 373 & 374 n4

Trifolium resupinatum (Persian clover; CD's work): CD asks FD to sow seeds 357 & 358 n2; CD requests seeds and comments on bloom 60 & 61 n2, 326–7 & 327 n6; CD thanks for seeds 368 & n2; CD's interest in 449 n5; *Movement in plants* 449 n5; needed for FD's work on bloom 368 n2, 373 & n4; stomata 315 & 317 n9; submerged leaves 379 & 380 n6

Trifolium resupinatum (Persian clover; FD's work): does not sleep 448 & 449 n5

Trifolium striatum (knotted clover) 325 & 326 n1, 326 & 327 n6

Trifolium strictum (upright clover) 445 & n2, 448 & 449 n5

Trifolium subterraneum (subterranean clover; CD's work): peduncles of 321 & 322 n12; seedlings raised 144 & 145 n4, 446 & 447 n3

Trifolium subterraneum (subterranean clover; FD's work) 446 & 447 n3

trilobites 347 & 348 n6

TRIPS AND VISITS (CD) *see* Darwin, Charles Robert, TRIPS AND VISITS

Tristan da Cunha 407 & n5

Triticum see wheat

Tritoma (*Kniphofia*; red-hot poker; torch lily) 340 & 341 n3

Troglodytes niger see chimpanzee

Tropaeolum (nasturtiums) 326 & 327 n5

Tropaeolum majus (nasturtium) 329 & 330 n6

tropical buckeye (*Junonia lavinia*; *J. evarete*) 153 & 154 n5

tropical duckweed (*Pistia stratiotes*; water lettuce) 490 n4

tropical species: survival during an ice age 405 n5

tropical woodsorrel (*Oxalis rubella*; *O. hirta*) 57 n2

true indigo (*Indigofera tinctoria*) 284 & 285 n4

Truelove, Edward 265 & n1

Truelove, Maurice Hawley: CD declines signing memorial for E. Truelove 265 & n1

Tucker, Janetta 163 n5

Tucker, Sabine Anne 163 n5

tumbler pigeons 227 & nn 1–3

Turkey: Russo-Turkish War xxv, 86 n6, 147 n2, 180 n5, 322 n11

Turpin, Pierre Jean François 66 & 67 n3

twiners and tendrils (CD's work): CD on FD's observations 325 & n8; circumnutation 301 & 302 nn 7–11, 320 & 321 n5; *Movement in plants* 321 n6; upside-down twiner 301 & 302 n9

twiners and tendrils (FD's work): *Cobaea* 320 & 321 n6; J. Sachs suggests FD determines whether tendrils bearers and twiners behave in same way 284 & 285 n6, 298 n4, 327, 328, 331 n2; tendrils 309; twiners 307–8 & 310 n3, n4; twining plant turned upside down unwinds last turn 298, 302 n9

twisted stems of plants: CD offers to send to FD 247–8 & 248 n2; CD will send to FD 262, 263 & n4; FD thanks for 274 & 275 n6

Tyndall, John: Association of Liberal Thinkers 438 & 439 n2; Birmingham and Midland Institute, presidential address 435 n7; CD asks for loan of siren 464 & n2, n3, 466 n1; CD returns siren xix, 491–2 & 492 n2; *Fragments of science* 103 & n1; lectures on sound at Royal Institution 464 n3; lends siren to CD xix, 466 & n1, 492 n2; signatory to memorial to Cambridge University 463; visits Down 465 n4, 466 n1, 534

Tyndall, Louisa Charlotte 534

typewriter (CD's printing machine): CD comments on C.G. Semper's use of 470 & n4; CD discusses with FD 300 & 302 n3, 320 & 321 n2; CD is willing to give his typewriter to Semper 289 & 290 n11, 292 n2, 299 n10, 302 n3, 304 n1; CD purchased 319 n3; CD writes to Semper about arrangements for sending typewriter 318 & 319 nn 2–4; CD writes to Semper to offer typewriter as gift 303–4 & 304 n1, 306 & 307 n2, 310 n11; H. Darwin 290 n11; FD discusses gift to Semper 292 & n2, n3, 309 & 310 n11; FD reminds CD about 298 & 299 n10; FD requests address of typewriter manufacturer from CD for Semper 285 & n8, 292 & n3; FD's use of 289; Semper accepts offer of typewriter as gift from CD 314 & n1, n2, 320 & 321 n2; Semper thanks CD for gift of typewriter 405

Correspondence Project

Index

[More Information](#)

Index

765

- & n1; Semper's typewritten letters 405 & n1, 468–9 & 469 n5
- Uechtritz, Rudolf von 541 & 542 n3, 542 & n3
 'umbrellar tree': A.D. Austin describes tree as 319, 319–20 & 320 n1, *see also Pseudopanax crassifolius*
 unconscious selection 459 & 460 n6, 501 & n6
Unio complanatus (mussel; *Elliptio complanata*; eastern elliptio) 181 & n5, 210 n3
 Union Bank 202 n1
 United States Funded Loan 307 & n1
 unknown correspondents: CD comments on musical perception 349–50 & 350 n1, n2; CD sends *Spiritualist* account of C.E. Williams 400 & n1; CD thanks for note and specimens 5 & n1; FD on CD's behalf thanks for inheritance case and comments on *Cytisus adami* 365–6 & 366 n2, n3
 upright clover (*Trifolium strictum*) 445 & n2, 448 & 449 n5
Urvaria lagopus 297 & 298 n3
 Osborne, Alexander Burns 422 & n4
Utricularia (bladderwort) 115 n2
Utricularia vulgaris (common bladderwort) 352 & 353 n5
- Vachellia* 285 n5
Vachellia farnesiana *see Mimosa farnesiana*
Valeriana dioica (marsh valerian) 3 n5, 22 & 24 n6, 42 & 43 n3
Valisneria spiralis (*V. americana*; eelgrass) 35 n4
 variation: correlated variation cases 366 n2; domesticated animals and plants 107; functional importance of very slight differences 459, 470 n2; placentation 470 n3; stomata 379 & 380 n3
Variation (CD): *Aegilops ovata* 73 n2; apples 93 n3; cites H. de Blainville 217 & 218; cites H.E. von Nathusius 8 & n4; cites W.K. Parker 21 n3; J. Coghlan sent information in response to 230 & 231 n1; domestic breeds 459 & n3; doubleness in flowers 179 & 180 n4; foreign pollen acting on mother plant 414 n2; hermaphroditism 110 n1; inheritance of mutilations 141 & 143 n5, 511 & 513 n5; methodical and unconscious selection 460 n5; niata cattle 154 n9; potatoes 93 n5; published 470 n2; religious belief 112 & n2; 'survival of the fittest' 440 n3; R.C. Virchow's doctrine 'omnis cellula e cellula' 50 n6; wheat 73 n2, n6
Variation 2d ed. (CD): ancon sheep 501 n6; Berkshire pig 357 n1; cites C.É. Brown-Séguard 77 n2; cites W.J. Moore 227 n2; correlated variation cases 366 n2; *Cytisus adami* 366 n3; design 500 & 501 n3; dogs hindfeet 20 n1; inheritance of mutilations 311–12 n3; inherited baldness 366 n2; Irish greyhound pig 357 n1; *Leersia oryzoides* 318 n3; maize 16 n1; merino sheep 8 n3; peaches 395 n2; sterility in plants 132 & n4; tumbler pigeons 227 & n3; unconscious selection 501 n6
Variation Russian ed. (CD): V.O. Kovalevsky translated 118 n2
 variegated leaves 294 & 295 n4, 304 & 305 n4
 varieties and species: terminology 376
 Varley, Cromwell Fleetwood 441 & 442 n1
 Vaughan, Charles John 463
 Veitch & Sons: CD often purchased plants from 138 & 139 n7, 184 & 185 n3; CD will request *Bignonia capreolata* from 350 & 351 n4, 368 & n5, 373 n3
 Venus fly trap *see Dionaea muscipula*
 vetch, common (*Vicia sativa*) 378 & 379 n6
Vibrio 260 & 261 n4
Vicia faba (broad bean; fava bean): CD's experiments 185 n5, 262 n9, 274 n4; J. Sachs 185 n5
Vicia sativa (common vetch) 378 & 379 n6
Victorina steneles (*Siproeta steneles*) 154 n5
Victorina trayja 153 & 154 n5
 Vignes, E.: CD thanks for article 367 & n1
 Vines, Sydney Howard: cell wall extensibility 207 n8; micro-telescope 246 & 247 n11; moulds 187 & 188 n3, 307 n6; *Phycomyces nitens* 187 & 188 n3; J. Sachs, *Text-book of botany* 418 n7
Viola: seeds sent by F. Müller 144 & 145 n4
Viola arvensis *see Viola tricolor* var. *arvensis*
Viola canina (dog violet) 26 & 27 n4
Viola odorata (sweet violet) 26 & 27 n4
Viola palustris (marsh violet) 26 & 27 n4
Viola subdimidiata 69 n2
Viola tricolor (heart's-ease): J.S. Axell 26 & 27 n4; H. Müller 272–3 & 273 n2
Viola tricolor var. *arvensis* (*V. arvensis*; field pansy) 272 & 273 n2
 Virchow, Rudolf Carl: address to Assembly of German Naturalists and Physicians xxii, 49 & 50 n5, 141 & 143 n3, 150 & n2, 511 & 512–13 n3; doctrine 'omnis cellula e cellula' 49–50 & 50 n6; Royal Prussian Academy of Sciences 426 & 427 n1
 viridine 452 n4, 453 n2
Viscum album (mistletoe) 490 n6
Vitis 84 & n5
 vivisection: C. Bernard 148 n3; CD's view of 148 & 149 n4
Volvox gobator: A. Dodel-Port 235 n6, 520 n6
 Vries, Hugo de: career 363 n3; CD on arrangements for De Vries's visit 343 & n2, n3; CD

Correspondence Project

Index

[More Information](#)

766

Index

- asks FD to read De Vries on epinasty 381 & 383 n4; CD hopes De Vries will visit Down 339 & n2, n3; CD on meeting De Vries 355 & n2; CD reports (to FD) on De Vries's visit 358 & n6; CD requests *Echinocystis lobata* seeds from A. Gray for De Vries 353 & n1, 362 & 363 n4; CD on roots, contractility in 355 & n2, 362 n1; CD on tendrils 301 & 302 n10, n11; CD welcomes him (via FD) to visit Down 324 & 325 n3; cited in *Climbing plants* 2d ed. 285 n5; cited in *Movement in plants* 321 n7; climbing plants 285 n5, 320 & 321 n7, 353 & n1; *Cucurbita pepo* 353–4 n3; plasmolysis 5 & 6 n4; protoplasm 5 & 6 n4; roots, contractility in 362 & n1, 363 n3; J. Sachs comments on xx; terminology 6 n4, 289 n5, 308 & 310 n6; thanks CD for receiving his visit at Abinger 362; thanks CD for seeds request to A. Gray 362 & 363 n4; *Trifolium pratense* 355 n2; visited CD at Farrers (Abinger) 325 n3, 339 n3, 343 n3, 350 & 351 n5, 353 n1, 355 & n2, 534
- Wagner, Moritz Friedrich: CD comments on Wagner's view 459 & 460 n2; geographical isolation 453 & 454 n2, 469 n1, n2, n4; C.G. Semper on Wagner's view 468 & 469 n1, n2
- Walker, Frederick William 462
- Wallace, Alfred Russel: asks for CD's support for Wallace's application for superintendent of Epping Forest 386 & n1, n2, 388 n1, 396 n1; *Australasia* 386 & n3; CD comments on his own work xxvi; CD regarded Wallace as co-discoverer of theory of evolution by natural selection 82 n4; CD supports Wallace's Epping Forest superintendent application 387–8 & 388 n1; human development 433 & 435 n5; G. Max asks CD about Wallace 491, 532; *Prioneris* 25 & n3; sends greetings to Emma Darwin and family 386; spiritualism 347 & 349 n11, 441 & 442 n1, 490 & 491 n2, 531 & 532 n2; thanks CD for application support 396 & n1, n2
- Wallace, Donald Mackenzie 57 & 58 n5
- Wallich, Nathaniel 189 & 193 n2
- Walters, Frank 439
- wasps: CD comments on wasps and observations 340 & 341 n3; CD's 1848 notes on instinct in bees and wasps xxi, 238 n2, 242 n1, 244 n2, 472 n5; A.S. Wilson 335
- water: London water quality report 461 n2; pure, for experiments 461 & n4
- water avens (*Geum rivale*) 173 n2, 211 & n3
- water crowfoot (*Ranunculus aquatilis*) 204 n3
- water lettuce (*Pistia stratiotes*; tropical duckweed) 490 n4
- water mimosa (*Neptunia oleracea*) 271 n3
- water parsnips (*Sium*) 406 & 407 n2
- waterbuffalo 393 & 394 n3
- Watkins, Frederick 52 n2
- Watson, Henry William 463
- Watson, John 323 & n2
- weather: winter 1878–9: 484 n4, 489 & 490 n4, 494 n1
- Weber, Ernst Heinrich 412 n4
- Weber's law 412 n4
- Weddell, Hugh Algernon 334 & n3, 523 & 524 n3
- Wedgwood, Caroline Sarah (*née* Darwin): CD sends love to 137 & n4; Darwins visit xxvi, 332 n9, 338 n3, 341 n4, 343 n3, 358 n5, 401–2 n2, 534 & 535 n22; FD and B. Darwin visit 358 n5; Leith Hill Place, home xxvi, 332 n9, 535 n22; portrait of R.W. Darwin 313 & n3; A. Rich's bequest to CD 478 & n5, 484 n3
- Wedgwood, Elizabeth: Knockholt Footpath Fund 221 & 222 n3, n4, 222 & n2
- Wedgwood, Emma *see* Darwin, Emma
- Wedgwood, Frances Emma Elizabeth 283 & n4, 325 n3
- Wedgwood, Frances Julia (Snow): visits Down 380 & n11
- Wedgwood, Frank: Barlaston Hall, home 535 n22; Darwins visit 338 n3, 344 n6, 358 n1, 358 n1, 363 n1, 365 n6, 534 & 535 n22
- Wedgwood, Hensleigh: spiritualism 44 n2, 390 & 391 n2
- Wedgwood, Josiah, I: CD adds mention of to E.F. Lubbock's article 303 & n4
- Wedgwood, Josiah, III: Darwins visit 534 & 535 n22; Leith Hill Place, home 535 n22
- Wedgwood, Lucy Caroline 137 n2
- Wedgwood, Margaret Susan 137 n2
- Wedgwood, Sarah Elizabeth 423 & n7
- Wedgwood, Sophy: CD asks for bird's-nest orchid observations xviii, 137 & nn 2–4
- Weismann, August: axolotls 310–311 n13; career 310 n13; caterpillars 2 & n2, 25 n1; daphnoids 236 & n2, 236 & 237 n1; Darwinian theory 316 n5; 'degeneration' 452 n2; geographical isolation 459 & n2, 469 & n4; R. Meldola, borrowed essay on daphnoids from CD, 236 & n2, 236 & 237 n1, 317 & n3
- Weismann, August (*Studien zur Descendenz-Theorie* translated by R. Meldola) 4 & n3, 236 n2, 417 & n1, 419–20 & 420 n1, 477 & n2; CD declines additional work on preface suggested by Meldola 452 & n1; CD discusses plan with Meldola and agrees to write preface 419 & n1, n2, 450 n2; CD sends preface to Meldola 450 & n2;

Correspondence Project

Index

[More Information](#)

Index

767

- Meldola asks CD to write preface for 417 & 418 n2; Meldola reports progress 477 & nn 1–4; Meldola thanks CD for agreeing to write preface 419 & 420 n1; Meldola thanks CD for preface and suggests additional work 451 & 452 n1, n2; plates for 477 & n3
- Weiss, Adolf 379 n6
- Wenham ice 461 & n4
- Westcott, Brooke Foss 49 & 50 n3
- Western Railroad of Massachusetts *see* Boston and Albany Railway
- western touch-me-not (*Impatiens noli-me-tangere*; *I. noli-tangere*) 418 & n3, 445 & 446 n2, 445 & n3
- Westwood, Mary Anne xx, 194 & n10, 447 n5
- wet nurses and infants 141, 511
- Weyenburgh, H. 540
- Wharton, Barbara Ellen 253 & 255 n10
- Wharton, William James Lloyd: atolls 351–2 & 352 nn 1–3
- Whately, Richard 442 n2
- wheat (*Triticum*): W. Carruthers 106 & 108 n11; CD's observations 72 & 73 nn 2–7, 355 & n3, 362 & 363 n3; W. Rimpau 72–3 & 73 n6, n7, 87 n4; Russian steppe wheat 53 & n1, 57, 58 n3, 58 & n2, 168–9 & 169 n1, n2, 174 & 175 n4, 508 & n2; *Variation* 73 n2, n6; A.S. Wilson 87 & n4
- White, Francis Buchanan: CD comments on White's paper on fauna of St. Helena 396 & n2; CD sends White's paper to J.D. Hooker 404 & 405 n3, n4, 407 n1; Hooker comments (to CD) on White's paper 406 & 407 n1
- White, Walter: Royal Society, assistant secretary 164 & n5
- white clover (*Trifolium repens*) 373 & 374 n4
- white-eyed parakeet (*Conurus guianensis*; *Psittacara leucophthalmus*) xxi, 414 & n1
- white fly 106 & 108 n10, n14 & n2
- white mustard (*Sinapis alba*) 327 & 328–9 n2
- white pea (*Lathyrus sativus*) 40 & 41 n4
- Whitelegge, Thomas: career 211 n2, 293 n2; CD has not studied *Geum* 173 & n1, n2; CD thanks for information and asks him not to trouble with any more 295 & n1; CD thanks for *Ranunculus acris* observations 204 & n1, n2; cited in *Forms of flowers* 2d ed. 204 & n2, 293 n1, 295 n1; *Geum rivale* 211 & n3; *Ranunculus acris* 203 & n1, 204 n2, 210–211 & 211 n3, 218 & 219 n1, 293 & n4; *Ranunculus bulbosus* 293 & n3; *Ranunculus repens* 218–19 & 219 n1, n2, 293 & n3; *Stachys germanica* 293 & n1, 295 & n2
- whitemouth croaker (*Micropogonias furnieri*) 215 n1, n2
- Whitley, Charles Thomas 52 n2
- Wiesner, Julius 233, 519; CD asks FD to read Wiesner on heliotropism, and to ask J. Sachs about Wiesner's term induction 301 & 302 n5, 310 n5; FD comments on 308 & 310 n5; heliotropism 302 n5, 310 n5; *Robinia* 329 n8; Sachs comments on xx
- Wigandia wrens* (*Caracus wigandia*) 415 & n7
- Wight, Robert 189 & 193 n3, 499 & n3
- Wild, George John 439
- wild caraway (*Carum carvi*) 362 & 363 n2
- wild cucumber (*Echinocystis lobata*; wild mock-cucumber) 306 & 307 n4, 353 & n1
- wild date palm (*Phoenix sylvestris*) 392 & n4
- wild greylag goose *see* *Anser anser*
- wild swan goose *see* *Anser cygnoides*
- wild taro (*Caladium esculentum*; *Colocasia esculenta*; coco yam) 250 n3, 259 & n1, n2
- wild tobacco (*Nicotiana rustica*; Aztec tobacco) 415 n3
- Wilhelm I 427 n1, 540, 541
- Wilkins, Augustus Samuel 462
- Willett, Henry: plan to present bust of CD to Royal Institution 277 & n2, 282 & n1
- Williams, Charles E. 390 & 391 n1, n2, 400 & n1
- Williamson, William Crawford: CD received *Drosera spatula* specimens 391 & n2; *Drosera capensis* 391 n3; *Drosera spatulata* 20 & 21 n1, 388–9 & 389 n1; sends congratulations to FD on his *Drosera rotundifolia* paper read at Linnean Society 20 & 21 n2; Silurian plant fossils 21 & n5, 39 & n5
- willows (*Salix*) 66 & 67 n7
- Wilson, Alexander Stephen: *Aegilops* 70–71 & 71 n1; CD comments on wasps and observations 340 & 341 n3; CD comments on Wilson's work 72 & 73 nn 2–5; CD discusses wheat 72 & 73 nn 2–7; CD encourages *Erythraea* observations 340 & 341 n2; CD sends Russian wheat specimens 168–9 & 169 n1, n2, 174 & 175 n4; CD thanks for *Aegilops* flour specimen 72 & 73 n1; CD thanks for *Aegilops ovata* seeds 105 & n1, 124–5 & 125 n2; CD thanks for seed specimens 174; *Drosera anglica* 121 & 122 n3; *Drosera rotundifolia* 121 & 122 n3; *Erythraea centaurium* 334 & 336 n1, 335 & 336 n7; FD writes acknowledging receipt of *Aegilops ovata* and pamphlets 98 & 99 n1, n2; W. Rimpau's papers, CD offers to lend 72–3 & 73 n7, 87 n4; Rimpau's papers, CD received back 169 & n3; Rimpau's papers, CD sent 105 & n3; Rimpau's papers, received 121 & n1; Rimpau's papers, Wilson would like to look at 87 & n4; *Scrophularia nodosa* 335 & 336 n8; sends *Aegilops* flour specimen 70 & 71 n1; sends *Aegilops ovata*

Correspondence Project

Index

[More Information](#)

768

Index

and comments on wheat fertilisation 86–7 & 87 nn 2–5; sends more *Aegilops ovata* 121 & n2; *Silene acaulis* 335 & 336 n4, n6; *The unity of matter* 87 & n6

Wilson, Andrew 131 n9

winged oxalis (*Oxalis rusciformis*) 284 & 285 n4

winter weather 1878–9: 484 n4, 489 & 490 n4, 494 n1

Woburn experimental station 82 n2, 83 n2

wolf (*Canis lupus*) 347 & 349 n7

woman's tongue (*Albizia lebeck*; siris tree) 309 & 310 n9

wood avens (*Geum urbanum*) 211 & n3

Wood, Charles Lindley 204 & 205 n4

Wood, James Rushmore 94 & 95 n5

wood sorrel (*Oxalis acetosella*; *O. montana*; mountain wood sorrel) 26 & 27 n6, 284 & 285 n4, 295 & 298 n3

Wood, Thomas Fanning: paper on insectivorous plants 170 & 171 n2

Wood-Mason, James 212 & n1; stridulation 4 & n5

woodland figwort (*Scrophularia nodosa*) 335 & 336 n8, 340 & 341 n3

woody nightshade (*Solanum dulcamara*; bittersweet) 381 & n1, 387 & n1

woody stems (FD's work): CD comments on FD's observations 301 & 303 n13; elasticity of wet and dry 274 & 275 n8, 284 & 285 n6, 297 & 298 n7; loss of water 245

woolly apple aphid (*Eriosoma mali*; *E. langierum*) 93 n3

woolly whitefly (*Aleurothrixus floccosus*) 114 n2

Woolner, Alice Gertrude 336 & n4

Woolner, Thomas: CD hopes to see orang-utan 336 & n2

worms *see* earthworms

Wright, Chauncey: J.B. Thayer's book about 29 & n1, 30 n2, n3, 56 & n1

Wright, Joseph 255 & 256 n18; portrait of Erasmus Darwin 6 & 7 n1, n3, 253 & 255 n1, 254

writer's palsy 285 n8

Würzburg, Germany: botanic garden 240 n8; J. Sachs's laboratory of plant physiology 119 n2, 188 n3, 240 n8, 328 n2, 405 n2, 416 n3, 530 n3; Zoological Institute 285 n8

yellow passionflower (*Passiflora lutea*) 154 n7

yellow wood sorrel (*Oxalis stricta*) 243 n8

Yeo, Gerald Francis: CD declines contributing to C. Bernard's memorial 148 & n2, n3, 149 n4

Young, Edward Mallet 462

Young, James: Royal Society donation 231 & 232 n2, 268 & n2

Zacharias, Otto: identification of insects (*Pterochroza*) 207 n1, 212 & n1, 236 & 237 n4; insect photographs sent to CD 165 & n2, 177 & 178 n2, 200 & n4, 207 n1, 212 & n1; R. Meldola exhibited Zacharias's insect photographs (sent by CD) at Entomological Society 165 n2, 177 & 178 n2, 236 & 237 n4

Zea mays (maize): CD's work 273 & 274 n3, n4, 276 & n3, 298 & n9; J. Scott 16 n3; E.L. Sturtevant 13–15 & 16 n4, n5; Waushakum variety 14 & 16 n4

Zea mays var. *evarta* (popcorn) 13 & 16 n2, 14, 15

Zea mays var. *indentata* (field corn) 13 & 16 n2, 14

Zea mays var. *saccharata* or *rugosa* (sweetcorn) 13 & 16 n2, 14, 15

zebra-plant (*Maranta zebra*; *Calathea zebra*) 295 n7, n9

Zollinger's indigo (*Indigofera teysmannii*; *I. zollingeriana*) 284 & 285 n4

Zoological Gardens 336 n2; A.D. Bartlett 375 n4

Zoological Institute, Würzburg 285 n8

Zoological Society: CD subscribed to *Proceedings of the Zoological Society of London* 405 n6, 407 n2;

T.H. Huxley, paper on crayfishes 230 n4

Zoologische Anzeiger 389 & 390 n2, 395 & n4

Zygophyllaceae 315 & 316 n6

Zygophyllum fabago (Syrian beancaper) 277 & 278 n2