Index

aberrant genera & anomalous genera Abrolhos Islands, 54: specimens from, 27
acquired instincts, 50, 217
Agassiz, Jean Louis Rodolphe, 101: on human races, 119; on embryo development, 156; expected to attack species theory, 165; and glaciation controversy, 184
agouti, 33
ammonite, 35
amphibians, South American, 29 analogies, 212
Ascida spp., 116
Andes: CD’s excursions to, 40, 46–7; geology, 47, 50–1; ‘red snow’ in, 48 anomalous/aberrant genera, 137–8
artificial selection, 184, 201
Ascida spp., 131, 220
Atheneum Club, 70: Willy too young for membership, 195; Huxley not proposed for membership, 156–7, 159
Atlantic continent, 133, 179, 160–2, 178
Australia: Beagle visit, 50, 54; geology of, 116; CD considers prospects in, 122
Austrian circumnavigation expedition, 159–70, 221
awards to scientists, 179–80
Babbage, Charles, invites CD to parties, 38
Bahia Blanca: CD writes from, 20, 56; Beagle calls at, 25, 55, 56; beauty of, 25; specimens from, 30, 63
Baily, John, 154
Baily, William Heller, 126
barnacles, xxii, 125n.: nomenclature, 107, 115; CD’s requests for specimens, 108, 111; CD acknowledges specimens, 111, 125; fossil, 166; hybrids, how produced, 186–7
Beagle (ship), 40
Beagle voyage: CD offered position on, 15–19; begins from Plymouth, 19n., 20; to Bahia Blanca, 25, 55, 56; to Rio de Janeiro, 25; to Montevideo, 28; to Tierra del Fuego, 31; to Falkland Islands, 33, 35, 36; to Santa Cruz, 36; to Chiloé, 39; to Valparaiso, 41; to Cape Tres Montes, 44, 45; to Chonos archipelago, 44; to Lima, 50; to Galápagos, 52; to New Zealand, 54, 55; to Tahiti, 52–3; to Australia, 53, 54; to Mauritius, 54; ends at Paimouth, 57
Beaufort, Francis: plans Beagle’s journey, 18, 19; FitzRoy requests CD’s appointment confirmed, 19n.; CD seeks support for publications grant, 61–4
Bechstein, Johann Matthäus, 165, 220: bees and flower fertilisation, 190–1, 195–6; collection of honeycombs, 201–2
Bell, Thomas, contributor, Zoology, 64n.
Bentham, George, 138: on species relatedness, 149
Berkley, Miles Joseph, on seeds’ resistance to salt water, 150
Bible, CD enjoys Gospels, 8
Biddulph, Robert Myddelton, 216
Binney, Edward William, pamphlet, 96, 219
Birch, Samuel, CD’s inquiry on Chinese agriculture, 153
birds: of South America, 29; of Galápagos, 63; whether feet are dirty, 163;
Index

hawk/ow1 pellets, 165; role in species dispersal, 166–7, 175-6, 178. See also poultry
blind cave fauna, 129–130
Blyth, Edward, 104; on paper on origin of species, 188
Bosquet, Joseph Augustin Hubert de, sends CD fossil barnacle, 166
British Association for the Advancement of Science: Oxford meeting (1838), 36; Southampton meeting (1848), 94; Birmingham meeting (1869), 112, 113, 219; Aberdeen meeting (1893), 222
British Museum: CD offers to classify Cirripedia collection, 100-1; CD query on Chinese agriculture, 153, 155; Huxley cataloguing Aecidae collection, 220
Brodie (children’s nurse), 124
Bronn, Alexander, 96
Brooks, James, Raja of Sarawak, gift of specimens, 177
Brown, Robert, 73, 99, 94, 147
Bruce Castle School, Tottenham, 119, 120, 121
Buenos Aires: CD writes from, 28-11; specimens from, 38, 39
Byrne, Benjamin, 44, 44

Camelidae, 97, 98
Caldicru, Alexander, 48
Cambridge: CD a student in, 10–14, 107, 219; CD remembers with affection, 96, 49-50, 63, 96, 196-9; CD working in, 58, 59; William a student in, 191, 198-9, 202
Campbell, Andrew, captured in Sikkim, 118
Cantillo, Augustin Pyramus de, 172; on struggle for existence, 182
Cape Horn, 91
Cape Tres Montes, 44, 45
Cape Verde Islands, 20, 21
Carlyle, Jane Baillie Welsh (“Jenny”), 71
Carlyle, Thomas, 70-1
Carnicetti, 190
cats, 164
Cattell, John, seed catalogue, 220
castle: variation in, 77; Indian, 104
cave fauna, 59, 129-30
chalk flora, 54
Chambers, Robert, 219, 220
cheetah, whether breeds in captivity, 93
Chile: earthquakes in, 46, 48. See also Chile; Santiago; Valparaiso
Chilean, 59
chimney-sweeps, children as, 129
China, variation in organisms in, 153, 155
Chomos archipelago, 41, 44
Christopher, Robert Adam, 150
Christ’s College. See under Cambridge cirripedes, 113–4; CD’s study of British Museum collection, 100-1; loans of collections of, 102; unsual species of, 103-4, 105, 113, 219; nomenclature of, 107-8, 115; CD asks for specimens, 108, 116; fossil, 118, 165-6; problems of taxonomy, 152-3. See also barnacles; Living Cirripedia
Clapham School, 171
Clark, James, 63
classification of species, 80, 184, 185-6
Chains, 190
Clift, William, 33, 34
climate changes, 92, 161-2
clinometer, 13
coal plants, 96-8, 105
Coates (surgeon), 194
contagious diseases, 60-1
Cunners, HMS, 50
Copiapó, 49, 50
Coquimbo, 48
coralines, 39, 55, 38-9, 54, 217
Coral reef: xxiii–xxiv, 72m., 81, 158, 188, 217
Corfield, Richard Henry, 45, 48, 49
ceratidea dentata, 116
Cephalopoda, 195
Cottage Garden, 155
Covington, Syma: CD sends ear trumpet to, 81; sends specimens to CD, 121-2
Crawford, John, 136-7
crossing. See also hybrids
crustaceans: collected in Atlantic, 30, 32; CD’s enquiries on, 116–17, 176
Index

Cuming, Hugh, lends cricetidae collection to CJD, 102

Dana, James Dwight: gift of geological atlas to CD, 115–16, 219; CD sends gift of Living Crustacea, 129; review of Living Crustacea, 139; CD promises copy of species book, 164

Darwin, Anne Elizabeth, 91, 92, 218; musical talent, 107; ill at Malvern, 123–33; death, xxix, 129

Darwin, Caroline: CD welcomes letters from, 6, 7, 8, 25–6; engagement, 62; See also Wedgwood, Caroline

Darwin, Charles Robert: children participants in studies, xxiv; species theory; See species transmutation theory; studies medicine at Edinburgh, 5–9, 107; draws on father for money, 7, 45–7, 49, 55; plans to study taxidermy, 91; notebooks, xxxv, 91a, 57, 64n.; at Cambridge University, 10–14, 107, 219; offered position on Beagle, 15–19; naturalist on Beagle, xxiii, 20–57; sea-sickness, 90, 29, 57, 51; Andes journeys, 40, 45, 46–50; journey to Copiapó, 49–50; working in Cambridge, 58–9; in lodgings in London, 59–64, 67–8; engagement, 68–70; house-hunting in London, 71–2; marriage, xxviii, 72n.; buys Down House, 78–80; urges Hooker to comment on plant specimens, 82; on Council of Royal Society, 114; assists at Leonard’s birth, 119, 134; teaches William to ride, 120–1; considers emigration, 122; awarded Royal Medal, 134n.; meeting with Richard Owen, 210–1; scientific studies. See under headings such as cricetidae; natural selection; poultry; variation; etc.

health: possible cause of chronic illness, xxxiv, 215; illness following Andes excursion, 40, 41–2; unwell, 65, 90, 104; continuing well, 75, 76; rather worse, 105; improved, 106, 108; again indifferent, 122, 123, 126–9; poorly and deadly sick, 134, 135; unwell again, 134, 135; recurring illness, 135, 166, 170; health very poor, 175; again poor, 102, 208–9; worn out, tired and far from well, 208–9. See also hydrophobia

publications: paper defending theories, 58, 217; joint paper with Wallace, xxvi, 215, 221. See also Conal reports; Journal: Living Crustacea; Natural selection; Origin; South America; Volcanic islands; Zoology

review: 'O’Righiny report, 51, 87; on variation, 89; Whately on Shakespeare, 91; Cowper’s 'B'ad, 91; Lyell on United States, 112; Dana on American expedition, 116; Hooker’s writings, 132, 161; Wollaston on Madeiran insects, 139, 160


Darwin, Charles Waring: birth, 168, 211; illness and death, 194, 211

Darwin, Elizabeth (‘Lizzie’ or ‘Beatty’), 91, 187, 219

Darwin, Emily Catherine (‘Kathy’): CD asks her for letters, 7; insomniac but in good spirits, 166

Darwin, Emma (née Wedgwood): marriage, 72n.; CD welcomes letter from, 74; advice on health from Robert Waring Darwin, 75; pregnancies, 76, 96, 103, 112, 115, 125n.; hystereat over Down House purchase, 79–80; CD’s instructions in event of his death, 86–7; confinements, 94, 118–19, 152n., 168, 218, 219, 221; reads Lyell’s book on America, 112; plans visit to British Association, 113; grief after baby’s death, 194

Darwin, Erasmus, on acquired instincts, 60, 217

Darwin, Erasmus Alvey: studies medi-
Index

cine at Edinburgh, 5-9; studies medicine in London, 90; visits Cambridge, 49; preparations for CD's return, 55; friendship with Harriet Martineau, 68; visits Carlyles with CD, 70-1; house-hunting with CD, 71-2; in poor health, 169

Darwin, Francis, birth, 219

Darwin, George Howard: birth, 92, 218; drawing all day, 196, 127; dislikes reading, 127-8; home-sick at school, 177

Darwin, Henrietta Emma, 91, 92, 218; recovering from illness, 194, 221

Darwin, Horace, birth, 152.

Darwin, Leonard, 127; birth, 118-19, 219; letter from, 154

Darwin, Robert Waring: financial support for CD, 8, 45-6, 49, 55; advises CD against joining Beagle, 15, 16; CD seeks information on contagious diseases, 62-3; delight at CD's engagement, 69; advice on baby care, 75; ill at Shrewsbury, 106; death, 109, 111, 219; quoted, on best time to seek advice, 158

Darwin, Susan Elizabeth, 56; CD asks for letters, 7; CD welcomes letters from, 7, 56; letters to CD missing, 49; visits CD, 76; and child chimney-sweeps, 129

Darwin, William Erasmus: birth, 209; 218; childhood, 75, 76, 91, 92; CD's plans for education, 119, 120; collects Lepidoptera, 119; learning to ride, 120-1; at Rugby, 121, 127, 128, 154, 170-3; CD urges more pleasant manners, 119; to go to Cambridge, 191; studying at Cambridge, 198-9

Davy, John, on transport of fishes' ova, 140-1

De la Beche, Henry Thomas, CD's enquiry on Jamaican livestock, 77

Denny, Henry, CD seeks information on parasites, 89-90

Derby, Lord. See also Stanley, Edward Smith

Disembark, 195

dispersal. See also species dispersal

diversity, 192

donkeys, shoulder-stripes on, 198

down House, 78-80; beech tree felled, 154; 'weird garden', 174, 178-9

Duke of York (ship), 30

Duncan, Andrew (the elder), 7-8

Duncan, Andrew (the younger), 6

Earle, Augustus, 53, 216

earthquakes in Chile, 48, 48

Edinburgh: CD a student in, 5-9, 107; CD plans to visit, 12

Edwardsia, 190

Ellis, William, Polynesian researches, 50, 217

entomology: CD asks for identification of specimens, 10-11; CD plans excursions for, 12-13; CD asks for advice on mounting Diptera, 14; South American insect specimens, 27; excursions remembered, 63, 168; insects' role in pollination, 99; Wollaston's book on, 199

erratic boulders, 90, 156-7

Evans (Australian bookseller), 81

Evans (butler), 112

Evans, Mrs, 81, 112

extinction of species, 62, 138, 217

Eyton, Thomas Campbell, 14; CD advises South American visit, 24; marriage, 49; CD asks for help with work, 154-5; collection of skeletons, 197

Falconer, Hugh: quarrel with Huxley, 159, 160; criticism of CD, 181, 199; CD seeks advice on anatomy, 187; on age of human species, 199

Falkland Islands, 31, 32, 33, 36

feral animals, 77

Fernando Noronho, 22, 23

fishes: possible mode of dispersal, 140-1; refuse to swallow seeds, 143; whether seed-eating, 163-4

FitzRoy, Robert, xxiii, 52: encourages CD to join Beagle, 17-19; requests CD's appointment confirmed, 191; commissions schooners for surveying expedition, 28; purchases schooner,
Index

Cambridge University Press
978-0-521-89862-1 — Origins
Edited by Frederick Burkhardt
Index
More Information

Index

- schooner sold, 42, 44; resigns fearing insanity, 44; withdraws resignation and recovers, 44, 45; account of Beagle voyage, 55, 59, 67; changes route of homeward voyage, 56; paper defending missionaries, 58, 217; CD visits, 67; appointed Governor of New Zealand, 81; new command, 111

- Forbes, Edward, 87, 93; visits Down House, 106; on molluscs, 193; theory of Atlantic continen t, 126, 159, 160, 174, 175, 176, 186; fossils: South American finds, 29, 34–5, 40, 47, 65; Cirripedia, 118, 165–6; human remains, 199

- Fox, Henry Stephen, corresponds with CD, 43; Fox, William Darwin; CD asks for help from, 101; CD seeks information on hybrid origin, 76–7; tenth child born, 128

- Friedrich, Der (C. M. von Weber), 6, 215

- Fries, Elias Magnus, on relatedness of species, 149

- Fungi, 193

- Galápagos Islands, 50, 58, 169; birds and reptiles of, 65; plants of, 82, 92; organisms of, key to species theory, 84, 207; birds and sea-shells of, 85; geology of, 116

- Gardeners' Chronicle. Hooker's Indian discoveries described, 114; CD on seeds' resistance to seawater, 141, 147, 130–1; 360; CD on fertilisation in Leguminosae, 199

- Gärter, Karl Friedrich von, data on plant hybridisation, 177

- Gay, Claude, 49, 216

- Geoffroy Saint-Hilaire, Isidore, 'loi du balancement', 95

- Geological Society: CD elected, 58n; CD reads papers, 69, 171; CD declines nomination as secretary, 64–6, 218; CD elected secretary, 66n.

- glacial deposits, 156–7

- glaciation, 184–5

- Goss, Philip Henry, CD's inquiry on molluscs, 176–7

- Gould, Augustus Addison, on distribution of land-shells, 188

- Gould, John; names new ostrich species, 60; contributor, Zoology, 61n.

- Grandidy (T. H. Lister), 6, 215

- grasses, 146, 148

-GRAY, A. J., CD seeks botanical information, 142–3, 176; manual of American flora, 146–8; sends list of 'close species', 148–9; sketch of CD's species theory sent to, 181–4, 194, 195; on hypothetical nature of CD's work, 186; on difficulty of defining species, 167

- Gray, John Edward, 130; CD asks for help from, 100–1; CD seeks information on Chinese agriculture from, 125

- Grey, Charles, 2d earl, resignation, 43, 216

- Grey, George, offers help with scientific studies, 98–9

- Guz, John Manby; treats CD hydro-pathically, 109–10, 111, 115; CD considers credulous, 120; treats Annie in last illness, 125–5; treats W. D. Fox, 171

- hawks, pellets, 164

- Hawley, Richard Maddock, 5, 7, 8

- Hedysarum, leaf movements, 145

- Henslow, John Stevens, xxii, 87, 118, 166; CD acknowledges clinometer from, 135; recommends CD for Beagle position, 151; discouraged by FitzRoy's response, 177; CD sends specimens to, 26–7, 30–1, 33–4, 36, 39, 40–1, 50; CD acknowledges books from, 96; CD welcomes letters from, 37; CD anxious for verdict on notes, 56; CD suggests paper on South American flora, 73; sends CD's specimens to Hooker, 81; urged to visit Down House, 96; CD remembers lectures, 107

© in this web service Cambridge University Press
www.cambridge.org
Index

Herbert, William: on calcareous plants, 94, 218; data on plant hybridisation, 177; on struggle for existence, 182
Herschel, John Frederick William, 105; on age of Earth, 58–9; on Origès, 212
Higgins, John, 190, 220
Holland, Henry, 212
homeopathy, 110, 119–20
Hooker, Harriet Anne, birth, 134, 220
Hooker, Joseph Dalton, xxvi, 81n., 147, 131, 218; CD welcomes letters from, 84, 84; receives CD's plant specimens, 84; CD seeks information from, 84, 85, 87–8, 94, 95; books on antipodean flora, 95, 132, 161, 169, 208, 219; on coal plants, 97n.; visit to India, 104n., 114; captured in Sikkim, 118; congratulates CD on Royal Medal award, 133–4; second child born, 134; on species relativeness, 149; changing views on species, 156, 160, 201; theory of southern continent, 159, 160, 188; takes up work on hybridisation, 162–3; visited by CD, 166; views on species dispersal, 172–3; severe to second-class men, 178; approves CD's manuscript, 191–2; consulted by CD on Wallace's paper, 193, 194; conversion to species theory, 197, 199, 202, 207, 208; asked to read Origès manuscript, 203; Origès manuscript spoiled by children, 207, 222
Hooker, William Jackson, 83, 118
Hope, Frederick William, CD plans to visit, 13
Hope, Thomas Charles lectures enjoyed by CD, 6, 8
Horner, Leonard, 87; visits Down House, 94
horser: variation in coat colour, 73, 180; measurements, 143–4; dun-coloured, 198
human: races of, 119, 185; origin of, 189
Humboldt, Alexander von, 216; CD recommends writings of, 13, 24; description of Santa Cruz, 205; on Galápagos specimens, 75; interest in Galápagos plants, 82
Hunt, Mr and Mrs J., 74–5
Huxley, Thomas Henry: working on aedilids, 191, 200; no admirer of Gassia, 136; review of Vestiges, 136, 209; changing views on species, 156; not proposed for Atheriurus, 156–7, 159; lectures, 159; quarrel with Falconer, 161; on classification of species, 185; accepts species theory, 202, 207; CD asks opinion on natural selection, 210; possible Times reviewer, 212–13; attack on Richard Owen, 220
hybrids, 92, 189; CD's inquiry on, 76–7; Hooker to work on, 162; sterility of, 177
hydrophyte: CD's treatment at Malvern, 109–10, 111, 112, 114, 115; CD's health improved following, 112, 114–15, 128–9; CD's treatment at home, 118, 119; CD no courage for more, 168; CD's treatment at Moor Park, 175, 176; CD's treatment at Ilkley, 209–10
Ibis canningii, 215
Ilkley, Yorkshire, CD undertakes hydropathic treatment at, 209–10
Imprey (college servant), 196, 202
India, Hooker's visit to, 104n., 114
intermediate forms, 105
Iquique, 51
island species, 165, 169, 177, 188, 208; genus/species numbers, 84; plants with hooked seeds, 84; distinctive character of, 85, 92; whether insects absent, 92; plants, 104–5, 117; CD's views different from Wallace's, 189, 208
isolation, and number of species, 88
jaguara, mating of like-coloured, 177
Jamaica, animals of, 77
Jenyns, Leonard, 13–14, 37, 218; contributor, Zoology, 64n.; sent copy of Origès, 210
John Bull, 9, 215
Johnson, Henry: lodging very cheaply,
Index

6–7; experiments with nitric oxide, 8
Journal, xxiii, 62, 63n., 68n., 73, 205
notes made on Bagot’s voyage, 83, 371
preparation for press, 62, 72; second
edition published, 111; copy given to
Tegelmeier, 150; CD recommends to
Austrian explorers, 169
Jussieu, Adrien Henri Laurent de, 135
Keeling Islands, 54, 92
Kennedy, Benjamin Hall, 12
Kerguelen Land, 84, 92, 189
King, Philip Gidley, 82
King, Philip Parker: ammonite find by
335; journal of, 67; CD sends kind re-
membrances to, 112
Knowles, Sir E., 74
Köhreuter, Joseph Gottlieb, data on
plant hybridisation, 177
Lamarck, Jean Baptiste Pierre Antoine
de Monet de, 93–4
Lamoureux, Jean Vincent Félix, 216:
on corallines, 39
Langton, Charlotte (née Wedgwood),
26, 169
Leguminosae, 138; fertilisation of, 190–
1, 199
Leighton, Francis Knyvett, death, 48
leopards, mating of like-coloured, 177
Lepidoptera, 97, 98, 107
Lewis, John, 91
Lewis, William, 91
Limnæus: on principles of classification,
80; on survival of seeds at sea, 131
Linnæan Society, xxvi, 196, 197, 198,
215, 216, 222
Living Cirripedia, xxiv; preparation for
publication, 108, 111; complimentary
copies sent, 192n., 195–6; possible re-
view by Huxley, 131–2
lizards, 144, 171
Lizars, John, 6
Lobelia fulgida, fertilisation, 187
Loyd, Samuel Jones, 1st Baron Over-
stone, 155
Lubbock, John, 107: living in Downe,
80; suggests numerical analysis of
data, 180–1; conversion to species
theory, 207
Lyell, Charles, 98, 131, 135, 136, 87;
on coral reefs, xxiii–xxv; CD dines with,
58n., 70; on CD’s article and fossil
collection, 58, 207; CD values help and
friendship of, 62; CD acknowledges debt to, 87; Principles
of geology, 87, 218; lends cirripede
collection to CD, 103; visits Down
House, 106, 156n.; book on Amer-
ican visit, 112, 113, 219; encour-
ages CD to approach Mantell, 137;
urges CD to publish work on species,
xxvi, 156, 157, 158; reproved by CD
for disciples’ theories, 159, 160, 161;
owns cat’s skeleton, 164; paper on
Madeira, 175; on struggle for exis-
tence, 182; on glaciation, 183–5; con-
sulted by CD on Wallace’s paper,
183, 194, 193–4, 195; on theory of
ocean islands, 188; changing views
on species theory, 203, 209, 222; CD
asks advice on publication of Origin,
203–5
Mackay, Mrs (Edinburgh landlady), 5
Macleay, William Sharp, 121
Madeira, 203; whether evidence of At-
lantic continent, 193; species intro-
duction to, 161; Lyell paper on, 175;
land-shells of, 188
Mazz (Wedgwood family home), 166;
CD remembers with affection, 50;
CD writes from, 64; CD proposes to
Emma Wedgwood, 68n.
Malon, Lord. See also Stanhope, Philip
Henry, 5th earl
Malta, geological history, 103
Maltese, Thomas, xxv, 207
Malvern, Worcestershire: CD under-
takes hydropathic treatment at, 109–
10, 111, 112, 114, 115
Mantell, Gideon Algernon: quarrels
with Owen, 106
Mantell, Walter Baldwin Durrant: CD’s
enquiry on erratic boulders, 156
Index

Martens, Conrad, left at Lima, 43
Martineau, Harriet, 68
mastodon, 25
Mauritius, CD writes from, 54
Maury, Matthew Fontaine, maps, 161
medals (for science): Royal Medal, 133.

See also awards to scientists
Megatherium, 29, 35, 34, 35, 39, 40
microscopes, 104, 105
Milne-Edwards, Henri, 134
Mirbel, Charles François, 135
missionaries, 53; CD/FitzRoy paper defending, 58, 817
molluscs, 32, 195; dispersal of, 165, 175–6, 177; survival in salt water, 168, 170, 171, 188
Monro, Alexander, tertius, 6
Montevideo, 27, 28–31
Moor Park, Surrey: CD’s hydrostatic treatment at, 176–8, 200; seedlings’ struggle for existence on common, 179
movements of plants, 145
Müller, Johannes Peter: CD sends gift of Lining Cirripedia, 193; book by unwanted by CD, 131
Murray, John, 203, 204, 205; terms for publishing Origin, 205, 206; sells out first edition of Origin, 210
mutability of species. See also species transmutation theory

Narborough, Sir John, 30, 216
Natural selection, 200, 221
natural selection: CD outlines views to Gray, 182–4; CD’s use of term, 186, 205, 207; keystone of species theory, 195, 197; Hooker accepts principle of, 197; CD seeks Huxley’s views on, 210; theory first formulated, 218, 221
New Zealand: CD writes from, 52–4; CD suggests natural history studies in, 99–100; Hooker’s book on flora of, 132; erratic boulders in, 136–7; distribution of species in, 172; variation in flora of, 185; Papilionacea absent from, 190–1

Orbigny, Alcide Charles Victor

Dessalines’ d’, 51, 87, 216
orchids, 168–9
Origès, xxvi; early sketches and drafts, 158, 165, 182–4; CD working on manuscript, 168, 175; publication, 197n, 222; publication terms, 203, 205; title suggested, 203–4; parallels with Wallace’s work, 206–7, 208; manuscript spoiled by children, 207; discussed by CD and Owen, 209–10; first edition sold out at once, 210, 224; reviewed in The Times, 212–13
Oscillaria spp., 27
ostrich, new species (Struthio dawini), 56, 60
Overstone, Lord. See also Loyd, Samuel Jones
Owen, Frances Mostyn (‘Fanny’), 12, 215, 216; engagement, 26
Owen, Richard, 105; CD dines with, 58a; examines CD’s fossils, 65; contributor, Zoology, 642n; mother’s death, 79; considers species question worthy studying, 93; quarrels with Mantell, 106; visits Down House, 106; powerful figure at Athenæum, 156–7; CD expects opposition from, 208; meeting with CD, 210–11
Owen, William Mostyn, Sr, writes to CD, 43
owl pellets, 169
Papilionaceae, bees necessary for fertilisation of, 190–1
parasites, 89–90, 105
Par, Mr, 75
Patagonia, 28, 34, 38; geology of, 34, 38; flora of, 73, 82
Peacock, George: invites CD to join Beagle, 145; terms of offer not as first thought, 17, 18
peas, hybridisation of, 171
Peru, 50–1
Phillips, John, on definition of species, 187
Philosophical Club, 166
Phyllosoma spp., 117
pigeons: aggressive behaviour of, 143; CD acquires specimens, 151, 154–5.
Index

163, 177; variation in, 164

gips, 163

Planeta spp., 27, 48, 41

pollination, 190–1, 195–6

Pontophila muncato, gn.
poultry, 154, 155; CD collecting skeletons of, 198, 143; specimens offered to CD, 149–50

Price, John, 12

Puleine, Robert, 154

Quetelet, Lambert Adolphe Jacques: on assessment of medical effectiveness, 120

rabbits, 164

raised coastlines, 34, 48

Raja of Sarawak. See also Brooke, James

Ramsay, Andrew Crombie, visits Down House, 156

Ramsay, Marmaduke, death, 15–16

Ray Society, 158

‘red mane’, 46

reptiles of Galápagos, 63

Rio de Janeiro, 25–6

Rio Negro, d’Orbigny collecting specimen near, 29

Rio Plata, 26, 28; CD plans geological excursion, 30

Rio Santa Cruz, 38

Ross, James Clark, 81n., 218: Antarctic specimens, 116

Royal Society, 156; CD a member of Council, 118; CD awarded Royal Medal, 133

Royce, John Forbes, 65

Rugby School, 120, 121n., 128

Sabine, Edward, 133

St Iago. See Santiago (Chile)

St Jago, 21; specimens from, 26, 27

St Paul’s Rocks, 22–3

Semang, HMS, 41

San Fernando, 42

Sandwich Islands, geology of, 116

Santa Cruz, 20–1

Santiago (Chile), 43, 48

Saunders, William Wilson, 201

Scephen hem spp., 116, 191

Schenker, Karl von, 221

Schleiden, M.J., lectures on plants, 135, 220

science, value of pure, 103

Sedgwick, Adam, 50, 58; geological expedition with CD, 152, 153, 133; inspiration to CD, 36; praises CD’s work, 56, 217

seeds: dispersal, 84, 161; hooked, 84; resistance to salt water, 143, 144–5, 147, 150–1, 163, 174; from beneath ancient tree, 154, 157, 168; from birds’ excrement and feet, 156, 167, 169; from pond mud, 156, 169, 178

selection. See also artificial selection; natural selection

Seymour, Edward Adolphus, 11th Duke of Somerset, supports CD’s grant application, 61–2

shells, 94, 175, 188

Shrewsbury. See also Macr

Spinus, 96, 217, 219

silk-worms, variation in, 93

Stillman, Benjamin, on blind cave fauna, 189–90

skulls, 138, 143, 155; CD asks for advice on making, 151–2; cats, offered by CD to Eton, 164; Eton’s collection, 197

Smith, Andrew, 218

Smith & Beck, microscope makers, 134

Smith, Charles Hamilton, on asses’ shoulder-stripes, 198

Smith, Frederick, 201

Smith, James: CD asks to examine cirripede collection, 102; paper on Malta, 103, 215

snail (Halma penus), survives in salt water, 168, 173, 174

Somerset, Duke of. See also Seymour, Edward Adolphus

South African mammals, 218

South America, 89, 94, 219

South American plants, 50, 134, 41

species: definition of, 83, 187; origin of, 162, 189–4, 201; diversity of, 189–4

species classification, 86, 184, 185–6

species dispersal, 164–5, 172–3, 177: of

251
Index

fishes' ova, 140–1; by ocean currents, 144, 151, 174 by ics, 161; of molluscs, 164, 175–6, 177; on feet of birds, 167, 175–6, 179

species distribution, 142, 150, 187–8, 203; CD's interest in, 85–5, 90; of US alpine flora, 142–3; and climate change, 161–2

species numbers, 86, 87–8, 95; ratio to genus numbers, 84, 156, 147–8, 180; and relatedness, 149

species transmutation theory, xxiii–xxiv, 69a, 92, 161, 140; CD becoming convinced of, 85, 86; sketches of, 86–7, 182–4, 193, 194–5, 196; CD developing, 104, 105–6, 132–3, 135, 140; CD considers publication, 125, 156, 157, 158, 193; CD expects opposition, 163; CD deprecates own skills while defending, 178; CD fears theft of idea, 181; CD fears accusations of plagiarism, 193; CD prepares abstract for publication, 155, 157, 198, 200, 205; gathers support, 207. See also natural selection; Origin

Spencer, Herbert, essays sent to CD, 200

Stanhope, Philip Henry, 4th earl, 113

Stanhope, Philip Henry, 5th earl (earls; Viscount Melch), 113

Stanley, Edward Smith, 13th earl of Derby, supports CD's grant application, 61–2

Stephens, Catherine, 6, 215

Stephens, J. E., entomology text, 11, 215

Stokes, John Lort, 22

Strickland, Hugh Edwin, 87


Stromecki, Paul Edmond de, 156

Stutchbury, Samuel, lends cirripede collection to CD, 102

Swain, Bartholomew James: expected at Down House, 94; settles in Falkland Islands, 111–12

Tahiti, 52–3; geology of, 116

Tegetmeier, William Bernhard: offers CD poultry carcasses, 149–50, 154; not authorised to use CD's name, 155

Tenerife, 21

Thorley, Catherine A.: respite from nursing Annie, 124; assisting CD's botanical studies, 145

Tierra del Fuego: Beagle visit, 28, 31–2; second visit planned, 33, 43; geology of, 34, 35; corallines from, 56–3; Beagle leaves, 41; flora of, 73, 82; tailed larva from, 131

transmutation of species. See also species transmutation theory

trees: petrified, 47, 51; of North America, 172

Tristan da Cunha, distribution of species in, 172

United States: flora of, 142–3, 145–8; English interest in Civil War, 155; trees of, 172

Uruguay river, 30

Valparaiso, CD writes from, 44

variation, 173–4, 182–3; CD's interest in, 76, 89, 141; in Jamaican livestock, 77; in silk-worms, 93; in US alpine flora, 142–3; in Chinese domesticated species, 153; in rabbits and pigeons, 164; causes and means of, 177; in Equus, 180; factor in natural selection, 185; sudden appearance, 207–8; in large and small genera, 221

West Indies, 94, 141, 216: reviewed by Huxley, 135, 220

Volcanic islands, CD recommends to Austrian explorers, 169

Voyage of the Beagle, 111; second edition, 218

Wallace, Alfred Russel: paper on origin of species, xxvi, 176, 188, 193, 156, 202, 221; CD asks for information on Malay species, 177; paper on divergence, 192, 221; collection of bcca's combs, 201–2; work paralleled by CD's, 206–7, 208; CD's admiration for, 207; memoir on Malay zoological geography, 208, 222; joint paper with CD, xxvi, 215, 221

252
Index

Waterhouse, George Robert: contribution, *Zoology*, 64n.; discussion of classification, 80
Watson, Hewett Cottrell, 149
Wedgwood, Caroline (née Darwin), congratulates CD on engagement, 69
Wedgwood, Emma: visits Darwin family, 71; engagement to CD, 68–70; marriage, xxvi, 72n. *See also Darwin, Emma*
Wedgwood, Fanny (Mrs Henleigh Wedgwood), 124, 125
Wedgwood, Henleigh, on free will, 107
Wedgwood, Josiah, II (‘Uncle Jos’): encourages CD to sail with *Beagle*, 16, 17; CD plans visit on homecoming, 57; delight at CD’s engagement, 69
Wedgwood, Josiah, III, engaged to Caroline Darwin, 62
Werner colour nomenclature, 29
whales, whether evolved from bears, 211, 222
Wharton, Henry James (tutor to Willy), 121, 128
Whewell, William, 50, 58; supports CD’s grant application, 61–2; proposes CD for Geological Society secretary, 65–6, 218
Whitely, Charles Thomas, 12
Wickham, John Clements, 22, 25, 42, 44, 121
Williams, John, 60
Wood, Alexander Charles, 17
Woodward, Samuel Pickworth, theory of Atlantic/Pacific continent, 159, 160
Worsley, Charles Anderson, 2nd earl of Yarborough, 130
Yarborough, Lord. *See also Worsley, Charles Anderson, 2nd earl of Yarborough*
Zoological Society: CD/Gould paper, 60; CD visits, 67–8
*Zoology*, xxv: publication planned, 59; grant support sought, 51–2; Government grant agreed, 64n.; completion, 76, 81; *Zoanemia*, 60, 217
zoophytes, 29

253