

INDEX

- Aberdeen Golf Club (Royal), 125
 Addington Golf Club, 29
 Ade, George, 101
 Aeration, 201
 Aerial Photography, 209, 212, 215
 Aesthetics of hazards, 154, 157
 Alison, Charles Hugh, xii, 99, 103, 116
 Alpinization, 9–13
 Alps Hole, 115, 120, 122, 143–144
 Amick, Bill, 180
 Annandale Golf Club, 100
 Appleby, Stuart, 24
Architectural Side of Golf, 34, 125, 157
 Arizona Biltmore Golf Club, 26, 156, 175, 212
 Ashdown Forest Golf Club (Royal), 28
 Augusta National Golf Club:
 Amen Corner, 47
 bunkers, 156
 green speeds, 229
 hole No. 12, 139
 influence on maintenance, 15
 Jones, Bobby, 112–113
 Jones, Robert Trent Sr., 208
 MacKenzie, Alister, 116, 200
 Rae's Creek, 19, 47–49, 175, 199–200,
 208, 241, 244, 246
 water hazards, 250

 Bahto, George, 122
 Balfour, James, 242
 Ballybunion Golf Club, 11, 23, 102, 125, 146
 Baltusrol Golf Club, 44, 129
 Bandon Dunes Golf Club, 195, 227, 240, 247
 Bandon Trails Golf Course, 240
 Banff Springs Golf Club, 128
 Banks, Charles Henry, 99–100
 Barry Burn, 175, 246
 Bartholomaei, Phred, 56, 201, 202, 231, 233
 Bauer, Alex, 224, 259
 Beaman, Dean, 45–46
 Beardies, 13, 175, 241
 Behr, Max Howell, 100, 257
 Bel Air Golf Club, 100, 195
 Bell, William F., 101, 211
 Bell, William Parc “Billy,” 26, 87–88, 100–101, 126,
 156, 175, 210, 212
 Bellerive Country Club, 112
 Bendelow, Thomas, 101–102
 Bethpage Black Golf Course, 24, 129, 230
 Biarritz Hole, 122, 165
 Biarritz la Phare Course, 104
 Black Rock Golf Club, 179
 Boston Golf Club, 29, 153, 174
 Boulders Golf Club, 172
 Bradbury, Ray, 173
 Braid, James, 75, 85, 94, 102
 Brancaster (Royal West Norfolk Golf Club), 115
 Bridge Hole, 50–51
 Broken ground, 8, 14, 18, 24, 28–29, 37, 75, 78, 226
 Brookline Country Club, 79
 Brown, Lancelot, 21

 Bruce's Billabong, 175
 Bryan, Mike, 42
 Bucknell Golf Club, 219
 Buenaventura Golf Course, 172
 Bulkheads, 23, 46, 201
 Bulldozer(s), 178, 184, 186, 202
 Bunker(s):
 cartoon, 170
 contamination, 221, 223, 225–226
 cross-bunkers, 104, 116, 125, 128, 130
 crusting, 198, 221
 definition of (USGA), 24
 drainage. *See* Drainage
 edges, 154, 186, 193–196, 227–228
 evolving from linksland, 8, 14
 fabric lining, 190–191
 fried-egg lie(s), 197
 irrigation around, 185, 202–204
 maintenance, 220–228
 naming, 175–176
 origin of word, 13, 183
 pace of play, 170
 placement, 153–155, 183
 probing, 212–213
 protocols for care, 220
 purpose, 38–40, 149–150
 raking, 222, 223, 224–227
 sand placement, 185
 sand specification, 196–198
 sand stabilization, 185, 191–192, 197
 shape, 154
 shaping, 181–185
 sod walls, 23, 187, 193
 specifications, 183
 walls, 192–193, 227

 Burton, Patrick, 220

 Calf Bunker, 93
 Camouflage, 169
 Campbell, Sir Guy, 7
 Cape Bunker (Royal North Devon), 8
 Cape Bunker (Westward Ho!), 120
 Cape Hole (Mid Ocean Golf Club), 83–85
 Cape hole(s), 165, 167
 Cardinal Bunker, 73–75, 175, 251
 Cardinal Hole, 75,
 Cardinal's Nob, 74, 75
 Carton House Golf Club, 30
 Carnoustie Golf Club, 34, 36, 102, 120, 123,
 236, 246, 255
 Carry, 151–152, 159
 Cascades Golf Club, 106
 Chalmers, William, 6, 51
 Chassard, John, 220
 Cheape's Bunker, 175
 Cherry Hills Country Club, 106, 217
 Chicago Golf Club, 114
 Chipping areas, vii, 124, 229, 230, 248, 251
 Chocolate drops, 21, 79, 81, 82, 102
 Church Pews, 13, 43, 57–59, 109, 175, 246
 Clark, Robert, 53

INDEX

- Clashing Rocks Hole, 22
 Coffin Bunkers, 175
 Coldwater Golf Club, 27, 194, 229
 College Arms Golf Club, 21
 Collier, James, 94
 Colt, Harry Shapland, xii, 61, 63, 94, 98, 99, 102, 116, 248
 Computer Aided Design (CAD), 172
 Conditions of courses, 37, 155
 Construction, 177–204
 bunkers, 181–191
 irrigation, 202–204
 lakes and ponds, 198–200
 preserving natural hazards, 180
 water hazards, 198–202
 Contours, 29–31, 37
 Coore, Bill, 35, 87, 152, 239, 240
 Cop bunker(s), 11, 102, 109
 Cornish, Geoffrey, 210, 248
 Cornish, Silva and Mungeam, 248
 Corsets Bunkers, 138
 Cottage Bunker, 175
 Crenshaw, Ben, 35, 88, 152, 239, 240
 Crockford, Claude, 240
 Crombie, Charles, 150, 236
 Cross-bunkers. *See* Bunkers
 Crossraguel Abbey, 74
 Cruden Bay Golf Club, 3, 108
 Crump, George Arthur, 11, 61, 63–65, 104, 132
 Crystal Downs Country Club, 239, 250
 Cupp, Bob, 22, 242, 243
 Cypress Point Club:
 deception, 169
 design strategy, 40, 164
 hole No. 7, 111
 hole No. 16, 59–61, 139
 Hunter, Robert, 110–111
 MacKenzie, Alister, 112, 116
 ocean holes, 149, 241
 ranking for bunkering, 166
 Daley, Paul, 11, 34, 35
 Darwin, Bernard, 10, 86, 96
 Deacon Sime Bunker, 92
 Deal Golf Club, 2
 Deceiving Tactics, 38, 169
 Dell Hole, 30, 32, 71–73, 120, 165, 168–169
 Desert Mountain Golf Club, 182
 Design of hazards:
 character, 174
 detour design, 39, 163
 methods, 171–174
 Detour design, 160
 Devil's Asshole, 13, 43, 61, 62, 63, 175, 246
 Devil's Paintbrush Course, 257
 DeVries, Mike, 238–239
 Diagonal hazard, 78, 103, 124, 126, 129–130, 162, 241
 Dickenson, Patric, 145
 Ditch(es), 12, 22–23, 25, 27–28, 108, 110, 115, 128, 149, 202, 234
 Doak, Tom, 145, 179, 195, 229, 241, 247
 Dobrineiner, Peter, 145
 Dogleg(s), 26–27, 54, 83, 117, 125, 156, 165, 166, 167, 229
 Donaghadee Golf Club, 140
 Dooks Golf Club, 22
 Doonbeg Golf Club, 187, 192
 Dornick Hills Golf Club, 118–119
 Dornoch Golf Club (Royal), 10, 120, 123, 227
 Dornoch, Scotland, 3, 123
 Drainage:
 bunker(s), 185, 187–190, 223
 horizontal drain box, 190
 Duel Hole, 218
 Dunbar Golf Links, 35
 Dunn, Tom, 104
 Dunn, Willie Sr., 104, 122
 DuPont Country Club, 110
 Dye, Alice, 43–47
 Dye, Pete, vii, 16, 24, 43–47, 193, 226, 239, 243, 248, 250, 255–257
 Effluent, 199, 202, 234
 Egan, Chandler, 54, 56, 69, 110
 Eleanor's Teeth, 175
 Emil "Dutch" Loeffler, 57, 109, 110, 219
 Emmet, Devereux, 105, 110
 End Hole, 53
 Engh, Jim, 179, 243, 244
 Everhard, H. S. U., 68
 Fairness, 158–160, 236, 240, 246, 252
 Faldo, Nick, 153
 Farley, Floyd, 173
 Fay, Michael, 124
 Fazio, George, 34, 105, 106, 245
 Fazio, Tom, 57, 106, 245
 Fiddler's Creek Golf Club, 249
 Fine, Mark, vii, 216–217
 Firestone Country Club, 112
 Fish kills, 234
 Floral hazards, 151
 Flynn, William, 106–108
 accuracy, carry, length, 151–152
 Cherry Hills Country Club, 217
 Lehigh Country Club, 107
 Merion Cricket Club, 131–132
 Pine Valley Golf Club, 65
 Toomey and Flynn, 110
 trees, 33–34
 Forrest, Steve, 200
 Forsgate Country Club, 99
 Fossil Trace Golf Club, 244
 Fourth Hole Bunker (Royal St. George's), 89–91
 Fowler, William Herbert, 108, 125
 Fownes, Henry C., 57, 82, 109
 Fownes, William H., 57, 82, 109–110
 Fox Chapel Golf Club, 193, 207
 French Creek Golf Club, 251
 Fried egg lie(s), 197
 Frost, Robert, vi, 69
 Fry, Dana, 257
 Furrowed rake, 205, 226
 Furrows, vii, 109–110, 226
 Gabion(s), 232
 Galen Hall Golf Club. *See* Wernersville Golf Club
 Ganton Golf Club, 108
 Geographic Information Systems (GIS), 172
 Geometric design, 21–23, 102
 Ginger Beer, 13
 Glading, Reg, 91
 Gleneagles Golf Club, 102

- Global Positioning System (GPS), 180, 183, 220
Golden Age of Design, x, 20, 33, 110, 119
Golf Club Atlas, 150
Golf course architect:
 master plans, 215–218
 role, 214–215
 selecting, 213–214
Golf:
 development of, 4–6
 first mention of, 4
 format of play, 154
 rules: *See* Rules
 shot values, 160–161
Gordon, William F., 110
Gorse, 8, 10, 96, 103, 123, 135, 246
Grannie Clark's Wynd, 159
Grant's Bunker, 93
Grant, Douglas, 54, 56, 69, 180
Grasses:
 roughs, 37
 mowing, 229–231
Greens:
 hazards of, 31–32
 Riviera No. 6, 87–89
 speed, 170
Grubbing, 184
Gullane Golf Club, 149
Gumbleys Hole, 175
Hanse, Gil, 25, 153, 174, 250, 251
Harbour Town Golf Links, 256
Harper, R. J., 55
Harris, Sydney J., 206
Haultain, Arnold, 136, 148
Hawtree, Fred, 9
Hawtree, Martin, 94, 96
Hayling Golf Club, 12, 141
Headwaters Golf Club, 199
Heather, 30, 96, 103, 108, 139, 246, 255
Hell Bunker, 39, 40, 43, 66–69, 175, 246, 248
Hell's Half Acre, 13, 43, 63, 65, 129, 175, 246
Heroic design, 39, 112, 160–162
Het kolven, 4
Hideout Golf Club, 38, 165, 198
High Hole(s), 52, 198
Hills, Art, 249
Himalaya Bunker (Royal St. George's), 89–90
Himalayas, 85–86, 175
Hodge, Thomas, 53, 66
Hollins, Marion, 60
Home Hole, 53
Honorable Company of Edinburgh Golfers, 12, 157, 188
Hotchkiss Preparatory School Course, 99
Hoylake Golf Club, 25
Hunter, Robert, 110–112,
 Cypress Point Club, 59–61
 importance of hazards, 136, 153
 Pebble Beach Golf Links, 54, 56, 69
 standards for design, 155
 The Links, 8, 111–112, 153
Huntercombe Golf Club, 121
Hurdzan, Mike, 256–257
Hutchinson, Horace, 22, 66, 67, 77, 151, 158
Ice plant, 246
Integral obstructions, 32–33
Iron Bridge Golf Club, 200
Irrigation, 185, 202–204,
Island green, vii, 44, 45, 46, 176, 256
Jasper Park Golf Club, 128
Jetsons, The, 22
Jones, Rees, 24, 230, 252
Jones, Robert "Bobby" Tyre Jr., 14, 47, 112–113, 219
Jones, Robert Trent Jr., 85, 184–185
Jones, Robert Trent Sr., 45, 48, 85, 106, 112, 131,
 184, 208, 248
Kaanapali Golf Course, 194
Kapalua Plantation Course, 142
Kasumigaseki Golf Club, 99
Kendal, John, 94
Khayyam, Omar, 178
Kidd, David McLay, 227
Kimball, Bruce, 176
King James II, 4
Kingsley Club, 239
Kitchen Bunker, 175
Kittansett Golf Club, 106
Knoll Country Club, 99
Kolf, 4
Lahinch Golf Club, 18, 23, 30, 32, 63, 71–73,
 120, 168
Lakes:
 artificial, 198–200
 constructing, 200–202
 lining, 200–201
 slopes, 201
 volume, 201
 water quality, 201
Langford, William Boice, 113
Larrabee, Gary, 81
Las Palomas, The Links at, 27, 173
Lawsonia Golf Club, 113
Layup Design, 160, 163–164
Lee, Joe, 131
Leeds, Herbert, 79, 82, 196
Lees, Peter, 11
Lehigh Country Club, 106–107, 220
Leith Links, 6, 188
Lewin, Kurt, 218
Lewis, Peter, 53
LIDAR mapping, 220
Line of charm, 100, 152–154, 238
Linksland:
 alpinization, 9–11
 altered for golf, 9–11
 association with hazards, 8
 drainage, 187, 189
 formation of, 3, 7–8
 importance of, 6–9, 20
 origin of word, 6–7
 routing, 168
 sheep upon, 3
 trees, 33–34
 undulations of, 20, 30
Lippo Village, 22
Littlestone Golf Club, 115, 222
Long Hole, 66, 68, 236
Lord of Culzean, 74
Los Angeles Country Club, 126
Low, John, 114, 125, 159, 165

INDEX

- Luck, 99
 Lytham & St. Anne's (Royal), 108
- Macdonald, Charles Blair, 114–116,
 Banks, Charles, influence on, 99–100
 Emmet, Devereux, work for, 105
 Golden Age, 20–22
 influences mentioned, 132, 251
 Mid Ocean Golf Club, 83–85
 Pine Valley Golf Club, influence on, 65
 raking sand bunkers, 224
 Raynor, Seth, work for, 122
- MacKenzie, Dr. Alister, 116–118,
 Augusta National Golf Club, 112, 200, 208
 camouflage, 169
 Cypress Point Club, 59–61, 111, 164
 hazard importance along line of play, 155
 Hunter, Robert, work with, 110
 influences mentioned, 239, 241, 243,
 247, 251, 254, 256–257
 Maxwell, Perry, association with, 119
 Rae's Creek, 47–49
 ranked as most respected, 98
- Maiden Bunker, 13, 115, 175, 246
- Maintenance:
 bunker(s), 220–228
 change resulting from, 207
 education, 235–236
 mowing practices, 229–231
 preservation of hazards, 219–220
 trees, 234–235
 water hazards, 231–234
- Mangrove Lake, 83–85
- Marsh, Graham, 143, 194, 253
- Martin, A., 49, 51
- Match play, 15, 118, 154, 222, 252
- Maxwell Rolls, 119
- Maxwell, Perry, 20, 118–119, 146, 239
- McCormick Ranch Golf Club, 45
- McGovern, J. B., 110, 124
- Mechanical raking, 175, 223, 225, 227
- Medinah Golf Club, 102
- Melbourne Golf Club (Royal), 43, 116, 240, 241, 246
- Merion Cricket Club, 13, 43, 106, 107, 131, 132, 246
- Mid Ocean Golf Club, 83, 84, 85
- Mid-Surrey Golf Club (Royal), 9, 10, 11
- Milwaukee Country Club, 102
- Moorlands, 30
- Morris, Old Tom, 3, 8, 36, 51, 53, 66, 71, 73, 97,
 102, 104, 119, 120, 123, 129, 158, 197, 198,
 216, 229, 242
- Morrish, Jay, 172
- Morse, Samuel, 180
- Moselem Springs Golf Club, 34
- Mucci, Pat, 150
- Muirfield Golf Links, 45, 99, 102, 120, 125, 157, 158
- Muirfield Village Golf Club, 43, 45
- Muirhead, Desmond, 22, 45, 156
- Myopia Hunt Club, 79–82, 196, 231
- Mystery of Golf*, 136, 148–49
- Naming of hazards, 175–176
- National Golf Links, 20, 115, 132, 241, 251
- Natural features, 155, 180
- NCR Country Club, 131
- Neville, Jack, 54, 56, 69, 180
- Newcastle Country Club, 243
- Nicklaus, Jack, 45, 68, 71, 93, 162, 182
- North Berwick Golf Club, 22, 23, 29, 31, 76
- Northwood Golf Club, 142
- Oak Hills Country Club, 123
- Oakland Hills Golf Club, 123
- Oakmont Country Club, 82, 211
 Church Pews, 43, 57–59, 246
 ditches, 23
 Fownes, W. C. and H. C., 109–110
 furrowed raking, 226
 green speeds, 229
 hazard maintenance, 219
- Ocean Course at Kiawah Island Resort, 226
- Old Course, The. *See* St. Andrews Links
- Old Head Golf Links, 39
- Old Man's Plateau, 175
- Open design, 160, 164–165
- Open, The, 5, 9, 19, 33, 61, 75, 90, 182
- Orientation of holes, 166–167
- Quimet, Francis, 106
- Out-of-Bounds, 35–36, 54, 92, 93, 170, 240
- Pace of play, 169–170
- Pacific Dunes Golf Course, 195, 241, 246–247, 250–251
- Pacific Ocean, 54, 57, 59, 69, 154, 180
- Palmetto Hall Plantation, 22
- Par-6, 166
- Park, Willie, 20, 110, 121, 158, 206, 248
- Pasadena Golf Club, 100
- Pasatiempo Golf Club, 117
- Paton, Stuart, 114, 125
- Patterson, Thomas, 54
- Peachtree Golf Club, 112
- Pebble Beach Golf Links, 180, 241
 bunker renovation, 208
 hole No. 8, 69–71, 139
 hole No. 18, 54–57, 154, 233
 Hunter, Robert, 110
- Penal design, 160–162
- Penetrometer, 197
- Pepper, George, 246
- Pern, Jeremy, 20, 140, 188
- PGA, vii, 24, 45, 46, 105, 129, 130, 137
- Phantom Horse Golf Club, 26, 33, 197
- Philadelphia School of Design, 100
- Philip, John, 236
- Phoenician Golf Club, 176
- Pilmoor Links, 49, 51. *See also* St. Andrews Links
- Pinehurst No. 2, 123, 241, 246
- Pine Valley Golf Club, 11, 96
 broken ground, 29
 Crump, George, 104
 Devil's Asshole, 43, 61–62
 Hell's Half Acre, 13, 43, 63–65, 129, 175, 246
 influences mentioned, 106, 111, 129, 132,
 241, 246
 ranking for bunkering, 166
- Plainfield Golf Club, 123
- Playfair, Sir Hugh Lyon, 53
- Ponte Vedra Club, 46
- Porthcawl Golf Club (Royal), 102, 125
- Postage Stamp, 20
- Pottawatomie Park Golf Course, 45
- Pow Burn, 75, 175, 255
- Prairie Dunes Country Club, 20, 119, 146
- Presidio Golf Club, 108
- Prestwick Golf Club, 22–23, 73, 75, 76, 78, 115, 120,
 143, 144, 251, 255

- Principal's Nose, 13, 91, 92, 93
- Psychological effects of hazards, 133–146
 attention, 143
 comfort zone of golfer, 137
 intimidation, 139
 perception of difficulty, 145–146
 resilience of golfer, 144–145
 stress, 138, 140–144
 swing, effect upon, 140–144
- Purgatory Bunker, 175
- Purves, Alexander Pattison, 89
- Purvis, Laidlaw, 89, 222
- Putter, Jurek Alexander, 51
- Quaker Ridge Golf Club, 129
- Rae's Creek, 19, 47–49, 175, 199–200, 208, 241, 246
- Rae, John, 47
- Railway lines, 32, 53, 54, 92
- Raynor, Seth, 121–122
 Banks, Charles, association with, 99–100
 Cypress Point Club, 60
 Fox Chapel Golf Club, 193, 207
 influences mentioned, 249
 Yale Golf Club, 122
- Redan, 23, 76, 77, 78, 79, 122, 165, 175
- Reid, George, 3
- Remodeling, 206–213,
 adding hazards, 218–219
 budgeting, 209, 217, 219–222, 235
 rebuilding, 208
 removing hazards, 218–219
 renovation, 208
 research for, 209–213
 restoration, 208–209
 shifting hazards, 218–219
- Reservoir(s), 199
- Restoration, 208–209
- Retention capacity, 199
- Richardson, Forrest, vii, 26–27, 33, 38, 112, 156, 165, 176, 194
- Risk/reward, 103, 130, 165
- Riviera Country Club, 87, 89, 100, 126, 154, 194
- Road Bunker, 43, 49–54, 145, 192, 246
- Road Hole, 35, 49, 51, 52, 53, 54, 145, 175, 192, 220, 239, 240, 246. *See also* St. Andrews Links (The Old Course)
- Robertson, Allan, 9, 52, 119, 120, 123, 249
- Robinson, Heath, 170
- Robinson, Ted Sr., 199
- Rock outcropping(s), 20, 155, 176
- Rolland, Doug, 102
- Ross, Donald, vii, 43, 82, 98, 123–125
 Gordon, William, work with, 110
 influenced mentioned, 241, 248, 257
 natural qualities, 180
 variety of hazards, 156
- Roughs:
 cartoon, 158
 hazard, 37
 mowing, 229–231
 St. Andrews Links, 19
- Routing of courses, 171
- Routing the Golf Course*, 28, 112
- Royal & Ancient Golf Club, 6, 25, 51, 150.
See also St. Andrews Links
- Royal County Down Golf Club, 120, 174, 241
- Royal North Devon Golf Club 8, 108
- Royal Portrush Golf Club, 102, 120, 168
- Royal St. George's Golf Club, 43, 85, 89, 90, 91, 138, 246
- Rules:
 bunkers, 65, 182
 cartoons, 150, 236
 casual water in bunker, 188
 development of, 12, 25–26
 integral obstructions, 32–33
 out-of-bounds, 35–36
 USGA Rules, 24–25
- Runcie, Sam Jr., 75
- Rustic Canyon Golf Club, 244
- Rye Golf Club, 102
- Sadalla, Dr. Edward, 28, 133, 136, 151
- Sahara Bunker, 13, 115, 143, 144, 175
- Salem Country Club, 123
- San Diego Country Club, 101
- San Francisco Golf Club, 129, 218
- Sand Hills Golf Club, 15, 19, 152, 166, 241, 250–251
- Sand traps, 109, 189. *See also* Bunker(s)
- Sand:
 stabilization in bunkers, 185, 191–192, 197
 type, 196–198
- Sandwich. *See* Royal St. George's Golf Club
- Saucun Valley Grace Course, 110
- Sawgrass. *See* Tournament Player's Club at Sawgrass
- Scabs, 175, 239
- Scioto Country Club, 123
- Scoonie Burn, 175
- Scotch & Soda, 175, 176
- Seminole, 123
- Setup of Courses, 37–38, 154
- Severity of hazards, 158
- Shackelford, Geoff, 47, 87, 244
- Shadow Creek Golf Club, 13
- Shape of hazards, 157
- Shawnee Country Club, 10, 129
- Shinnecock Hills Golf Club, 80, 104, 106, 241
- Shiskine Golf Club, 121
- Simpson, Thomas, 3, 12, 34, 125–126, 157, 175
- Size of hazards, 157
- Sleeper(s), 23, 73, 75, 78, 91, 142, 193–194, 255
- Snyder, Arthur Jack, 27, 38, 165, 194, 198
 bunker drainage, 188–189
 Oakmont Country Club, 58
- Sod walls, 23, 187, 193
- Somerset Hills Golf Club, 129
- Southerland, John, 123
- Spectacles Bunkers, 175
- Spyglass Hill Golf Club, 112
- Squires Golf Club, 245
- St. Andrew's Golf Club (Yonkers, New York), 102
- St. Andrews Links (The Old Course):
 A. Martin map, 51
 Beardies, 13, 175, 241
 Bridge Hole, 50–51
 Calf Bunker, 93
 cartoon, 170
 Chalmer map, 6, 51
 Cheape's Bunker, 175
 Coffin Bunkers, 175
 Cottage Bunker, 175
 Deacon Sime Bunker, 92
 Elysian Fields, 68
 End Hole, 53
 Grannie Clark's Wynd, 159

- St. Andrews Links (continued)*
- Grant's Bunker, 93
 - greens, 167
 - Hell Bunker, 39, 40, 43, 66–69, 175, 246, 248
 - High Hole(s), 52, 198
 - Hodge map, 53
 - Home Hole, 53
 - influence on early golf, 5–9
 - influences mentioned, 114, 116, 119–120, 123, 153, 159, 240, 242, 249, 251
 - influences on design, 22, 34–36, 168
 - Kitchen Bunker, 175
 - Long Hole, 66, 68, 236
 - maps, 51, 53
 - Principal's Nose, 13, 91–93
 - ranking for bunkering, 166
 - Road Bunker, 43, 49–54, 145, 175, 192, 220, 239, 239, 246
 - Road Hole, 23, 145, 175
 - rough, 19
 - sheds at Road Hole, 23, 145
 - Spectacles Bunkers, 175
 - Strath Bunker, 13, 76, 175
 - Swilcan Burn, 7, 27, 50, 54, 175, 247
 - Valley of Sin, 175
 - Wig Bunker, 93
- St. Enodoc Golf Club, 85–86, 90
- St. George's Hill Golf Club, 94–96, 102
- Stanford University Golf Course, 101
- Stanwich Club, 110
- Steel, Donald, 91
- Stone Harbor Golf Club, 23
- Stone Harbor Golf Club, 22
- Stone walls, 23, 25, 32, 79, 120, 156, 201, 239
- Stowe Country Club, 21
- Strantz, Mike, 16, 202, 241–243
- Strath Bunker, 13, 76, 175
- Sunningdale Golf Club, 121, 125, 158
- Sutton Bay, 143, 194, 253
- Sutton, Martin, 98
- Swilcan Burn, 7, 27, 50, 54, 175, 247
- Swinley Forest Golf Club, 139
- Swinstead, G. Hilliard, 5
- Taft Bunker, 175, 196
- Taft, William, 196
- Talking Stick Golf Club, 35
- Tarn's Coo, 93
- Taylor, J. H., 9, 94
- Tenby Golf Club, 179
- That Damned Bunker, 94
- The Bridge Golf Club, 252
- The Old Course. *See* St. Andrews Links
- Thomas, George C., 87, 100, 126, 157
- Thompson, Stanley, 112, 128, 157, 249
- Tillinghast, A. W., 10, 22, 34, 44, 64, 65, 98, 129, 130, 154, 166, 167, 239, 248
- Tip O'Neil Bunker, 175
- Tobacco Road Golf Club, 202, 242
- Toll, A. H., 105
- Toomey and Flynn, 110
- Topographical mapping, 100, 102, 211
- Topographical maps, 211–212
- Tournament Player's Club at Sawgrass, vii, 43–47, 139, 250, 256
- TPC at Sawgrass. *See* Tournament Player's Club at Sawgrass
- Travis, Walter, 130–131, 158
- Trees, 33–35,
 - fairness, 159
 - maintenance, 234–235
- Troon Golf Club (Royal), 20
- Truett, Philip, 224
- Tulloch, W., 119
- Turf dykes, 104, 120
- Turnberry Golf Club, 255
- U.S. Open, 13
- USGA, 9, 24, 25, 45, 82, 166, 189
- Valderrama Golf Club, 112
- Valley of Sin, 175
- van Schoel, Hensrick, 4
- Vardon, Harry, 13, 75
- Ventana Canyon Golf Club, 245
- Victoria National Golf Club, 246
- Visibility, 106, 144, 159, 168–169
- von Hagge, Robert, 131
- Walton Heath Golf Club, 108
- Wannamoisett Golf Club, 123
- Waste bunker(s), 202, 256
- Water Hazards: 27–28
 - aeration of, 201
 - bulkheads, 23, 46, 201
 - cattails, 232
 - definition of, 26–27
 - effluent, 199, 234
 - fish kills, 234
 - leaks, 232–233
 - maintenance of, 231–234
 - nutrient loading, 231–232
 - pollutants, 233
 - reservoir(s), 199
 - retention capacity, 199
 - shorelines, 232–233
 - wetlands, 233
- Watson, William “Willie,” 23, 100
- Waverly Oaks Golf Club, 248
- Wee Burn, 175
- Weed control, 221, 228
- Weed, Bobby, 45
- Wentworth West Golf Club, 102
- Wernersville Golf Club, 166
- West Norfolk Golf Club (Royal). *See* Brancaster
- Weston Golf Club, 32
- Westward Ho! Golf Club, 120
- Wetlands, 233
- White Faces of Merion, 13
- Whitten, Ron, 210
- Wig Bunker, 93
- Wilson, Alan, 65
- Wilson, Dick, 131
- Wilson, Hugh, 44, 64–65, 106–107, 132
- Wind, 36–37
- Wind, Herbert Warren, 47
- Winged Foot Golf Club, 129, 246
- Woking Golf Club, 114, 125
- Yale Golf Club, 122
- Yates, Bill, 40, 169
- Zareba Hollow, 74
- Zimmer, John, 219