

A

- Abadia Retuerta winery, Spain, 428–429
- Abruzzi wine region, Italy, 357, 359, 365, 370, 379, 381
- Absis wine, 433–434
- acetic acid, 97, 100
- acidity
 - adjustment of, 67–68
 - and climate, 6, 317
 - and food/wine pairing, 602–603
 - and harvesting, 18–19, 54–55
 - and soil, 7–8, 280, 317
 - and tannins, 8
 - types of grape acids, 18, 68, 100
 - volatile, 97
- Aconcagua Valley wine region, Chile, 209, 215–216
- Açores (Azores) wine region, Portugal, 454, 481
- Acqui wine (Brachetto d'Acqui), 363, 398–399, 404
- adega*, 456
- Adelaida winery, California, 176
- Adelaide Hills wine region, Australia, 22, 232, 236
- Adobe Guadalupe winery, Mexico, 202
- Adriano Ramos Pinto winery, Portugal, 462, 467
- Aegean Islands (North) wine region, Greece, 533, 540
- aged Sherry, 443
- aging, 54, 62, 69–72, 120, 125, 286, 419–420, 529
- Agiorgitiko grapes, 48, 530, 536, 539
- Aglianico del Vulture wine, 376
- Aglianico grapes, 48, 364, 378
- aguardente*, and fermentation, 460, 466, 485
- Ahr wine region, Germany, 500, 507
- Aidani grapes, 531
- Airén grapes, 422, 437, 438
- Ajaccio appellation, France, 261, 348–349
- Akamas Laona appellation, Cyprus, 543
- Alameda County AVAs, California, 168, 169, 170, 183, 747
- Albana di Romagna wine, 365, 380
- Albany Surprise grapes, 223, 242
- Albariño grapes (Alvarinho), 32, 421, 422, 426, 452, 469, 485
- Albariño wine, 421, 426
- albariza* soil, 416, 439, 440
- Albillo grapes, 426
- Alcama wine, 373
- alcohol abuse, 641, 643, 644
- Alcohol and Tobacco Tax and Trade Bureau of the Treasury (TTB), 111, 114, 115, 117, 120, 152
- alcohol consumption
 - in moderation, 634, 637, 638–639, 641
 - and Muslim countries, 527, 633
 - during pregnancy, 643–644
 - in Russia, 519, 525
 - and women's health, 641–643*See also* wine consumption
- alcohol levels, 66
 - in balance, 100
 - and chaptalization, 56
 - increase in, 62, 68
 - reduction of, 68, 128
 - and wine choice, 598
- aldehydes, 95
- Aleatico grapes, 363
- Allela DO, Spain, 436
- Alenquer DOC, Portugal, 449, 476
- Alentejano wine region, Portugal, 449, 478–480
- Alentejo DOC, Portugal, 449
- Alexander Valley AVA, California, 130, 152, 155–156
- Alexander Valley Vineyards, California, 156
- Alfrocheiro Preto grapes, 452, 473
- Algarve wine region, Portugal, 449, 480
- Algeria, 527, 547–548, 595
- Alicante Bouschet grapes, 48, 421, 478, 479
- Alicante DO, Spain, 423, 424, 425, 436
- Aligoté grapes, 32, 313, 322, 326, 327
- alkalinity, 55
- alluvial soil, 7
- almacenista*, 444
- Almadén wine company, California, 127, 170, 172
- Almansa DO, Spain, 423, 424, 425
- Almaviva wine, 212
- Almeida, Fernando Nicolau de, 466, 467
- Almeida, Fundação Eugénio do, 479
- Almeida, João Nicolau de, 464, 466, 467
- Aloxe-Corton appellation, France, 312, 322–323
- Alpha Estate, Greece, 535
- Alpha M wine, 212, 218
- Alsace wine region, France, 261, 274–277
 - food/wine pairing, 607
 - grand cru* sites in, 275–276
 - grape varieties in, 26, 27, 29, 30, 31, 276–277
 - map of, 274
- Altesse grapes, 331
- Altimira, José, 122
- Alto Adige (Südtirol) wine region, Italy, 27–28, 411, 412–413. *See also* Trentino–Alto Adige wine region
- Alvarelhão grapes, 452
- Alvarinho grapes (Albariño), 32, 421–422, 426, 452, 469, 485
- Alvear winery, Spain, 444–445
- Amador County AVAs, California, 179–180, 183, 747
- Amarone wine, 48, 364–365, 407
- American College of Cardiology, 637
- American Health Foundation, 642
- American viticultural areas (AVAs), 120–121, 735, 746–747
- Amerine, Maynard, 118
- amontillado* Sherry, 441, 442–443
- ampelia* system, 532, 541, 542
- ampelones*, 530
- Amtliche Prüfungsnummer* (A.P. No.), 497
- Amyndeo AOC, Greece, 533, 535
- Añada (Sherry), 445
- Anakota winery, California, 160
- Anbaugebiete*, 27, 494, 495, 499
- Andalucía wine region, Spain, 422, 424, 425, 439–445
- Anderson, Stanley, 142
- Anderson Valley AVA, California, 130, 163, 164–165
- Andrus, Gary, 142
- Angelica wine, 122
- Angelo, Allegra, 705
- Anjou Mousseux appellation, France, 269
- Anjou-Villages appellation, France, 266, 268
- Anjou wine region, France, 266, 268–269
- Ansonica grapes (Inzolia), 32
- Antão Vaz grapes, 453, 479
- Antinori, Niccolò, 390
- Antinori, Piero, 145, 162, 377, 390
- Antinori winery, 384
- antioxidants, in wine, 634, 636, 639–640
- Antiyal wine, 217–218
- Antonopoulos winery, Greece, 538, 540
- Aosta Valley wine region, Italy, 359, 370, 395, 398
- aperitif, 669
- appellation (naming) systems, 5
 - in Australia, 228
 - in Austria, 509
 - in Canada, 203
 - in Europe, 256–257
 - in France, 120, 257, 262–265, 277–278, 314–316, 345, 547
 - in Germany, 499–508
 - in Greece, 529
 - in Italy, 257, 356–357, 367–369, 389
 - in Portugal, 257, 453–455
 - in South Africa, 248
 - in Spain, 257, 417–419
 - in United States, 117–118, 120–121, 746–747*appellation d'origine contrôlée* (AOC), France, 120, 257, 262, 513, 547, 738
 - appellation d'origine garantie* (AOG), Algeria, 547, 548
 - appellation d'origine protégée* (AOP), France, 257, 262, 263, 264–265, 273, 282, 290, 314, 333, 342, 345, 347, 349*appellation of origin* (OPAP), Greece, 529
 - Applegate Valley AVA, Oregon, 192, 198
 - Apulia wine region, Italy, 357, 360, 369, 370, 372, 376–377
 - Aragonez grapes, 474, 478
 - Aragón wine region, Spain, 425
 - Arbois appellation, France, 331
 - Arcadia *Vin de Pays*, Greece, 538
 - Archanes AOC, Greece, 533, 541
 - Argentina, 112, 209, 219–223, 252, 679, 737
 - food/wine pairing, 595
 - grape varieties in, 22, 33, 37, 48, 220–221
 - wine laws of, 222–223
 - wine regions of, 209, 221–222
 - Arinto grapes (Pedernã), 32, 452, 473, 475, 477, 479
 - Arizona AVAs, 200–201, 746
 - Arkansas AVAs, 746
 - armazém*, 456
 - Arneis grapes, 33, 366, 405
 - Arneis wine, 366, 399, 405
 - aroma
 - vs* bouquet, 95–97
 - messages, 95
 - and monoterpene compounds, 54
 - removing unwanted, 69
 - and smell, 98
 - and soil composition, 6, 7, 8
 - and taste, 101
 - aromatized wines, 78
 - Aroma Wheel, 96, 97
 - Arroyo Grande Valley AVA, California, 130, 169, 174–175
 - Arroyo Seco AVA, California, 130, 169, 171, 172
 - Arruda DOC, Portugal, 449, 476
 - Artesa winery, California, 139
 - artichokes, wine pairing with, 603
 - Asprokambos wine region, Greece, 539
 - Asproudes grape blends, 538
 - Assario grapes, 453, 479
 - assemblage*, 283

- Assyrtiko grapes, 33, 531, 536, 537, 541
Asti wine, 31, 85, 366, 399, 405–406
Atalanti *Vin de Pays*, Greece, 537
Atalon winery, California, 141
Athiri grapes, 532, 540
Atlantic wine region, France, 266–268
Atlantique IGP, France, 264
Atlas Peak AVA, California, 132, 144, 145
Atlas Peak Vineyards, California, 145
Attica *Vin de Pays*, Greece, 537
Au Bon Climat winery, California, 175
Auckland wine region, New Zealand, 242–243, 244
auctions, wine, 678–679, 680–681
Ausbruch wines, 509
Auslese wines, 495, 509, 742
Aussas, Mercedes, 428
Australia, 119, 224–241, 252–253
 appellation system of, 228
 grape varieties in, 21, 22, 24, 26, 29, 30, 31, 33, 37, 39, 42, 43, 46–47, 49, 228–231
 Shiraz wine of, 230
 viticulture in, 226–227
 wine exports of, 240–241
 wine laws of, 227–228
 wine production in, 112, 224, 225, 226
 wine regions of, 231–240
Austria, 508–512
 appellation system of, 509
 food/wine pairing, 622
 grape varieties in, 22, 26, 27, 32, 36, 39, 41, 48, 49, 509–510
 wine labels in, 493, 508–509
 wine laws of, 508–509
 wine producers, 510
 wine regions of, 510–512
autolysis, 83, 284
autovinification method, 461, 483
Auxerrois grapes, 48, 310
Auxey-Duresses appellation, France, 324
Avesso grapes, 453
AxR1 rootstock, 10–11, 150
Azal grapes, 453
Azores wine region, Portugal, 481
- B**
Babo, August Wilhelm von, 508
Bacchus grapes, 502
Baco Noir grapes, 12, 242
Baco 22A grapes, 11
bacterial growth, 57
Baden wine region, Germany, 27, 29, 30, 500, 507
Baga grapes, 48, 452, 471, 472
bag-in-the-box packaging, 659
Baglietto, Laura, 642
Bairrada DOC, Portugal, 102, 449, 470, 471–472
Balbo, Susana, 219, 220
Balling (Brix) scale, 55
Balthazar bottle, 680, 681, 691
Bandol appellation, France, 92, 343, 347–348
Bangalore wine region, India, 550, 551
Banyuls appellation, France, 343, 344
Barbaresco *crus*, Italy, 401
Barbaresco wine, 47, 363, 397, 400–403, 557
Barbera d'Alba wine, 403, 404
Barbera d'Asti wine, 363–364, 398, 403–404
Barbera del Monferrato wine, 363–364, 398, 403–404
Barbera grapes, 47, 119, 363, 384, 398, 403
Barbier, René, 435
Barca Velha wine, 448, 467
bar-code creator, 689, 692
Bardolino Superiore wine, 364, 408
Bardolino wine, 408
Barolo *crus*, Italy, 401
Barolo wine, 47, 102, 363, 397, 400–401
Baroque grapes, 311
Barossa Old Vine Charter, 237
Barossa Valley wine region, Australia, 229, 232, 236–237
barrica, 419
barriques, 35, 70, 71, 73, 213, 390, 400
Barsac appellation, France, 288, 295, 297, 298, 299
Bartholomew, Frank, 125
Basilicata wine region, Italy, 357, 361, 370, 372, 376
basket press, 52, 58, 59, 260
Basque wine region, Spain, 425, 427, 619
Bastardo grapes, 452, 473, 476, 482
Bastos, J. B., 479
Batârd-Montrachet vineyard, France, 325
BATF (Bureau of Alcohol, Tobacco, and Firearms), 117, 155
Bath, Bob, 661
bâtonnage, 62, 314, 535
Baumé scale, 55
Les Baux de Provence appellation, France, 347
Baverstock, David, 479
Bay of Plenty wine region, New Zealand, 243, 244
Beaujolais Nouveau (Primeur) wine, 328
Beaujolais Supérieur wine, 329
Beaujolais-Villages wine, 329, 557
Beaujolais wine, 91, 92, 328–329
Beaujolais wine region, France, 66, 261, 312, 328–330
Beaulieu Vineyard (BV), California, 123, 124, 146
Beaumes-de-Venise appellation, France, 332, 340
Beaune appellation, France, 261, 312, 323
Beauregard Vineyards, California, 173
Bedell Cellars, Michigan, 189
Beerenauslese wines, 73, 495–496, 509
Beiras wine region, Portugal, 449, 470–474
Belding, Wayne, 679
Belgian food/wine pairing, 593
Bellet appellation, France, 348
Bell Mountain AVA, Texas, 200
Bell Mountain Vineyards, Texas, 199, 200
bench-grafted vines, 13
Bendigo wine region, Australia, 232, 234
beneficio rating system, 458–459
Benmore Valley AVA, California, 167
Bennett Valley AVA, California, 152, 154–155
bentonite, as fining agent, 73, 545
Benziger, Mike, 17
Benziger Family Winery, California, 17, 154
Bereiche, Germany, 494
Bergerac appellation, France, 261, 309–310
Beringer Vineyards, California, 123, 142, 160, 735
Bernard family, 305
Bernard Gripa winery, 336
Bernkasteler Doktor vineyard, Germany, 494
Bethel Heights vineyards, Oregon, 197
Beverage Testing Institute, 677
Bianco d'Alcamo wine, 373
Bianco Frizzante wine, 367
Bianco Spumante wine, 367
Biblia Chora winery, Greece, 536
Bical grapes, 453, 472, 473
Bien Nacido Vineyards, California, 177
Bienvenue-Batârd-Montrachet vineyard, France, 325
Bierzo DO, Spain, 423, 424, 425, 427
billes (yeast beads), 84
bin card system, 688
bin numbers, 687, 688, 689, 714–715, 726
biodynamic viticulture, 16–17, 719
Biodynamic Wine, Demystified (Joly), 17
bioflavonoids, 634
biological aging (Sherry), 440
Biondi-Santi, Fernuccio, 391, 392
Biondi-Santi, Franco, 391, 662
bistro menu, 610
Black Box wine, 128
Blagny appellation, France, 324
Blanc de Blancs Champagne, 286, 598
Blanc de Noirs Champagne, 53, 286, 598
Blanc Fumé grapes, 23, 272
Blandy, John, 484
Blauburgunder grapes, 41
Blauer Portugieser grapes, 510
Blaufränkisch grapes, 48, 510, 511, 512
blending, 35, 69, 81, 117, 283–284, 292–293, 300–301
blind tasting, 89, 90, 102
Block, Sandy, 99, 705
bloom, 51
Bobal grapes, 421, 437, 438
body of wine, 101
Boekenhoutskloof winery, South Africa, 251
Bogle Vineyards, California, 180
Boisset, Jean-Claude, 659
Bolgheri Sassicaia DOC, Italy, 356
Bollinger Champagne, 286
Bologna, Giacomo, 404
Bonarda grapes, 48, 220, 221, 398
Bonnes Mares vineyard, France, 319
Bonnezeaux appellation, France, 266, 269
Bonny Doon Vineyard, California, 161, 173
Boordy Vineyards, Maryland, 202
Bordeaux wine region, France, 136, 261, 287–309
 appellation/classification system in, 262, 294–309
 business structure of, 287–288, 289, 294
 food/wine pairing, 611
 grape varieties in, 23–24, 36, 288–289, 290–292
 map of, 288
 soil and climate in, 289–290
 winemaking practices in, 292–293, 295, 300–301
Borio, Mariuccia, 404
Borrado dos Moscas grapes, 453, 473
Boscaini, Sandro, 408
botrytis, 12, 28, 31, 74–76, 489, 522
Botrytis cinerea (*pourriture noble*), 74, 268, 276
botrytis wines, 74–76, 116
bottles
 aluminum and plastic, 659
 Bocksbeutel, 507
 half bottles, 731
 Porto, 466
 sizes, 691, 732
 sparkling wine, 79, 81–82, 684

- bottle shock, 72
 Bouchet grapes, 307
 Boulud, Daniel, 549, 659
 bouquet vs aroma, 95–97
 Bourboulenc grapes, 338, 339, 342, 345
 Bourgogne Côte Chalonnaise appellation, France, 326
 Bourgueil appellation, France, 266, 270–271
 Boutari, Yiannis, 534
 Boutari winery, Greece, 534, 535, 539, 540, 541, 542
 Bouzeron appellation, France, 312, 326
 “box wines,” 114, 128, 181
 Brachetto d’Acqui wine, 363, 398–399, 404
 Brachetto grapes, 48, 363
 Brancellao grapes, 426, 452
 branding, in wine industry, 126
 Braquet grapes, 348
 Brazil, 11, 207, 223–224, 595
 breast cancer, 642
 breathing, 662
 Breede River Valley wine region, South Africa, 248, 249
 Brézème appellation, France, 337
 Bricco Rocche vineyard, Italy, 399
 Brillat-Savarin, Jean Anthelme, 99
 Britain. *See* England
 British Columbia wine regions, Canada, 22, 26, 28, 203, 204–205
 Brix scale, 55
 Broadbent, Michael, 523
 Bronco Wine Company, 126, 127
 Brotherhood winery, New York, 188
 Brouilly appellation, France, 330
 Brounstein, Al, 149
 Brounstein, Boots, 100, 149
 Brown-Forman, 127
 Brunello di Montalcino wine, 36, 47, 362, 385, 391–392, 675, 691
brut, 84, 285, 528
 Bruwer, Aubrey, 250
 de Brye family, 125
 Bual grapes (Boal), 33, 481, 482
 Bucelas DOC, Portugal, 449, 476
 Buck, John, 243
 Buena Vista Winery, California, 122, 123, 125
 Bugey appellation, France, 331
 Buil & Giné winery, 435
 Buitenverwachting winery, South Africa, 251
 Bulgaria, 36, 39, 520, 524
 Bullas DO, Spain, 423, 437
 “Bull’s Blood wine (Egri Bikavér), 522
 Bureau of Alcohol, Tobacco, and Firearms (BATEF), 117, 155
 Burgenland wine region, Austria, 511–512
 Burgess, Tom, 124
 Burgess Cellars, California, 124
 Burgundy wine, 115, 136
 Burgundy wine region, France, 261, 311–327
 appellation/classification system in, 314–316
 business practices in, 313–314
 Chablis, 21, 312, 316–318
 clonal variation in, 11–12
 Côte Chalonnaise, 312, 326–327
 Côte d’Or, 312, 318–326
 food/wine pairing, 609
 grape varieties in, 21, 40–41, 313
 Mâconnais, 21, 312, 327
 map of, 312
 soil and climate of, 312–313
 winemaking practices in, 314, 317
 buying wine. *See* purchasing wine
 Buzbag wine, 544
 Buzet appellation, France, 310
 Buzinski, Tim, 685
- C**
 Cabardès appellation, France, 311, 343
 Cabernet d’Anjou wine, 268
 Cabernet Franc grapes, 11, 35, 46, 69, 115, 117, 119, 134, 187, 292, 307, 308, 521
 Cabernet Sauvignon grapes, 34–37, 69, 115, 118, 119, 122, 146, 147, 153, 177, 211, 213, 229–230, 238, 247, 260, 291, 347, 390, 431, 493, 521
 Cabernet Sauvignon wine, 65, 91, 102, 113, 116, 117, 124, 126, 133, 134, 136–137, 141, 142–143, 144, 145, 147, 148, 154, 156, 159–160, 191–192
 Cachapoal Valley wine region, Chile, 217
 Cahors appellation, France, 261, 310
 Le Cailleret vineyard, France, 324, 325
 Les Caillerets vineyard, France, 324
 Cain Cellars, California, 146
 Caño grapes, 426
 Cajun food/wine pairing, 596, 629
 Cakebread, Delores, 102
 Calabria wine region, Italy, 357, 361, 370, 372, 376
 Calatayud DO, Spain, 423, 424, 425, 430
 Calaveras County AVAs, California, 183, 747
 calcareous soil, 7
 calcium carbonate, 67
 California, 109, 121–183
 biodynamic viticulture in, 17
 climate change in, 128–129
 degree days in, 119
 grape varieties in, 29, 30, 31, 33, 46, 47, 48, 49
 Cabernet Sauvignon, 35, 36–37
 Chardonnay, 21–22
 Gewürztraminer, 28
 Italian varietals (Cal-Italians), 162, 180
 Merlot, 39
 Pinot Noir, 41
 Rhone Ranger (Rhône-style), 150, 161, 173, 176
 Sauvignon Blanc, 24
 Syrah/Shiraz, 43
 Zinfandel, 43–45
 history of winemaking, 121–129
 Internet sales of wine, 128
 map of, 130
 organic viticulture in, 15
 in Paris wine tasting (1976), 126, 136
 phylloxera in, 10–11, 124, 150, 170–171
 Pierce’s Disease in, 173, 177, 178, 179
 viticultural areas (by county), 747
 wine brands in, 126–128
 wine exports of, 126
 wine labels in, 117
 wine production of, 131
 wine regions of, 120–121, 129–183, 747
 Central Coast, 121, 130, 168–177
 Central Valley/Interior, 130, 179–182
 by county, 183, 747
 map of, 130
 North Coast, 121, 129–168
 South Coast, 130, 177, 179
 wood aging in, 120
 California Certified Organic Farmers (CCOF), 15
 Calistoga AVA, California, 132, 149
 Cal-Italian grapes, 162, 180
 Callaway winery, California, 179
calço, 456
 Camarate grapes, 472
 Campania wine region, Italy, 357, 361, 364, 367, 370, 372, 377–378
 Campo de Borja DO, Spain, 423, 424, 425, 430
 Canada
 grape varieties in, 22, 26, 28, 37, 203
 hybrid grapes in, 12
 wine laws in, 203
 wine regions of, 203–205
 Canaiolo grapes, 363, 384, 386
 Canandaigua Wine Company, New York, 187
 Canary Islands wine region, Spain, 425
 cancer, and alcohol/wine consumption, 634, 636, 642
 cane pruning, 18, 19
 Can Feixes winery, Spain, 433
 Cannonau di Sardegna wine, 375
 Cannonau grapes, 36, 45, 46, 375
 Canon-Fronsac appellation, France, 308
canteiro method, 483, 484, 485
 Canterbury wine region, New Zealand, 244–245
 Cape Agulhas District, South Africa, 249, 252
 Capezzana vineyards, 393
 cap of grape, 64–65
 Caprai, Arnaldo, 384
 carbon dioxide, 57, 94, 101
 carbonic maceration, 66–67, 328, 338, 341, 343, 344, 432, 472
 Carcavelos DOC, Portugal, 449
 Caribbean food/wine pairing, 595–596
 Carignan grapes, 48, 338, 339, 343–344, 345, 346, 347, 375
 Cariñena DO, Spain, 423, 424, 425, 430
 Cariñena grapes, 48, 421, 430
 Carmel Valley AVA, California, 130, 169
 Carmenère grapes, 48, 211, 213
 Carmen winery, Chile, 218
 Carmignano wine, 47, 363, 385, 393
 Carneros AVA, California, 130, 132, 138–139, 152
 Carpy, Charles, 125
 Casablanca Valley wine region, Chile, 209, 216
 Casa de Santar estate, Portugal, 473
 Casa Lapostolle winery, Chile, 213
 Casa Pedro Domecq company, in Mexico, 202
 Cassis appellation, France, 343, 347
casta, 456
 Castelão grapes, 452
 Castello Banfi winery, Italy, 391
 Castilla La Mancha wine region, Spain, 425
 Castilla y León wine region, Spain, 425
 Castro, Alvaro, 474
 Catalonia wine region, Spain, 425, 432–436
 Cataluña DO, Spain, 424, 425, 432, 433
 Catamarca wine region, Argentina, 209, 222
 Catarratto grapes, 373
 catechin, 639–640
 Catena, Nicolas, 220, 222
 Catoctin AVA, Maryland, 202
cava, 529
 Cava DO, Spain, 420, 424
 Cavas de San Juan Winery, Mexico, 202
 Cava wine, 420, 425, 432–433

- Cave Spring Wine Cellars, Canada, 704
 Cayuga Lake AVA, New York, 186, 187
 Cayuse Cellars, Washington State, 194
 Ceago Vineyards, California, 17
 cement tanks, 63
 Cencibel grapes, 437–438, 439
 Central Coast AVAs, California, 121, 130, 168–177, 178
 Central Otago wine region, New Zealand, 244, 245
 Central Valley AVAs, California, 21, 130, 181–182
 centrifuge, 72, 73
 Cephalonia AOC, Greece, 533, 540
 Cerasuolo di Montepulciano d’Abruzzo wine, 381
 Cerasuolo di Vittoria wine, 365, 371
 Cerceal Branca grapes, 453, 474
 Cercial grapes, 453
 Cérons appellation, France, 288, 299
 certification standards, biodynamic, 16
 Cesanese del Piglio wine, 365, 383
 Chablis wine, 115
 Chablis wine region, France, 21, 312, 316–318, 321
 Chacolí/Txacolina DO, Spain, 423, 424, 427
 Chadwick, Eduardo, 212, 218
 Chalk Hill AVA, California, 152, 156, 158
 Chalk Hill Estate winery, California, 158
 chalk soil, 7, 27, 175, 270, 271, 279, 280, 281, 322, 323, 327, 336, 416, 440
 Chalone AVA, California, 130, 169, 172
 Chambolle-Musigny appellation, France, 312, 319, 321
 Champagne
 bubbles in, 598
 food/wine pairing, 559, 575–576, 589–590, 598
 grape varieties in, 41, 47, 53, 69, 284
 history of, 78–80
 labeling of, 115, 277, 736
 production method for, 80–85, 282–284
 serving, 651, 668
 styles of, 285–286, 575, 576
 See also sparkling wine
 Champagne method (*méthode champenoise*), 78, 80–84, 277, 284, 327
 Champagne wine region, France, 21, 41, 261, 277–287
 appellation expansion in, 262, 277–278, 282
 Champagne production in, 278, 282
 climate/soil of, 279–280
 food/wine pairing, 612
 growers and producers in, 284–285, 286–287
 map of, 278
 subregions of, 278, 280–282
 vineyard rating system in, 280
 viticulture practices in, 282
 winemaking practices in, 282–284
 Chappellet winery, California, 125, 134
 Chaptal, Jean-Antoine, 56, 78
 chaptalization, 56, 358, 387, 490, 494
 Charbono grapes, 48–49
 charcoal filtration, 68
 Chardonnay grapes, 12
 Chardonnay grapes, 11–12, 20–23, 41, 117, 119, 139, 153, 171, 281, 284, 311, 313, 317, 318, 322, 326, 327, 328, 493
 Chardonnay wine, 21–22, 92, 94, 113, 116–117, 136, 144, 145, 147, 148, 156, 157, 173, 195–196, 229, 231, 233, 238, 317, 327, 559–560, 674, 700
 Charest, Champlain, 675
 Charles Shaw wine brand, 126
charmat (tank) method, 80, 85, 382, 408, 489
 Les Charmes Vineyard, France, 315, 319, 324
 Chassagne-Montrachet appellation, France, 312, 325
 Chasselas grapes, 33, 277, 331, 514, 515, 516, 517
 Château Ausone, France, 306
 Château de Beaucastel, France, 341
 Château Biltmore, North Carolina, 201
 Château Bonnet, France, 297
 Château Bouscaut, France, 305
 Château Calon-Ségur, France, 302
 Château Carras wine, 535
 Château Chalon appellation, France, 331
 Château Cheval Blanc, France, 306
 Château Cos d’Estournel, France, 302
 Château Cos Labory, France, 302
 Château Duhart-Milon, France, 303
 Château Figeac, France, 306
 Château Grillet appellation, France, 332, 334–335
 Château Haut-Brion, France, 137, 295, 296, 302, 305
 Château Ksara, Lebanon, 546–547
 Château Lafite Rothschild, France, 294, 302–303, 356, 390, 479
 Château La Louvière, France, 296
 Château de la Roche-aux-Moines, France, 268
 Château Latour, France, 287, 294, 300, 302, 303
 Château Léoville Barton, France, 303
 Château Léoville-Las-Cases, France, 136, 137
 Château Margaux, France, 287, 302, 304
 Château Matsa, Greece, 537
 Chateau Montelena, California, 123, 136, 165
 Château Montrose, France, 137, 302
 Château Mouton Rothschild, France, 126, 137, 212, 302
 Château Musar, Lebanon, 547
 Châteauneuf-du-Pape appellation, France, 45, 61, 102, 173, 332, 340–342
 Château de Nozet, France, 272
 Château Palmer, France, 304
 Château Pétrus, France, 38, 60, 148, 308
 Château Pichon Longueville Baron wine, France, 303
 Château Pichon Longueville Comtesse de Lalande wine, France, 303
 Chateau Potelle, California, 144
 Château de Rayne-Vigneau, France, 298
 Chateau St. Jean, California, 151, 156
 Château de Sales, France, 307
 Château Smith Haut Lafitte, France, 296, 304, 305
 Château Tahbilk, Australia, 234
 Château d’Yquem, France, 31, 75, 295, 298–299
 Chave, Gérard, 336
 Chave, J. L., 335–336
 Che, Noelle Guagliardo, 687
 cheese/wine pairing, 571, 574, 576–591, 600, 723, 724
chef de caves, 285
 Chehalem Mountains AVA, Oregon, 192, 196, 197
 Chénas appellation, France, 329
 Chenin Blanc grapes, 16, 30, 76, 247, 265–266, 269, 270, 271
 Chenin Blanc wine, 74, 268–269, 271, 559
 Chevalier-Montrachet vineyard, France, 325
 Cheverny appellation, France, 266, 271
 Chianti Classico Consorzio de Marchio Storico, 389
 Chianti Classico wine, 47, 362, 363, 385, 387, 389–390, 391
 Chianti wine, 47, 363, 368, 385, 386–387
 Chiavennasca (Nebbiolo) grapes, 47, 364, 395
 Chicken Ranch Vineyard, California, 118
 Chile, 10, 112, 119, 208–219, 253, 679
 grape varieties in, 22, 24, 30, 37, 41, 48, 211, 213, 214, 217
 wine industry in, 210–214
 wine laws of, 214–215
 wine regions of, 209, 215–219
 Chiles Valley AVA, California, 132, 147, 148
 chillers, 651, 655
 China, 23, 36, 112, 126, 173, 548–550
 Chinese food/wine pairing, 592
 Chinon appellation, France, 266, 270–271
 Chiroubles appellation, France, 329
 cholesterol, and wine consumption, 634, 639
 Chorey-Lès-Beaune appellation, France, 323
 Christian Brothers winery, California, 123, 143, 149
 Cigales DO, Spain, 423, 424, 425, 430
 Cinsaut grapes, 48, 338, 339, 340, 342, 345
 Ciro IGT zone, Italy, 376
 citric acid, 18, 67–68, 100, 602
 citronellol, 54
 Clairette de Bellegarde appellation, France, 346
 Clairette de Die appellation, France, 332, 338
 Clairette du Languedoc appellation, France, 343, 346
 Clairette grapes, 338, 342, 346
 Clape, August, 337
 Clare Valley wine region, Australia, 22, 232, 236
 clarification, 54, 72, 73, 283, 292, 545
 clarity of wine, 93–94
 Clark Ranch vineyard, California, 171
 Clarksburg AVA, California, 130, 180
classico, 472
 clay soil, 7, 131, 272, 273, 303, 322, 327, 340
 Clear Lake AVA, California, 130, 163, 167
 climate for grape growing
 and climate change, 67, 119–120, 129, 178
 cool, 6, 8, 11, 12, 119, 282, 317, 330, 488
 and heat summation, 118–120, 185
 influences of, 6, 51
 Clinton Vineyards, New York, 188
 clonal variation, 11–13
clos, 276, 434
 Clos de la Bousse d’Or vineyard, France, 324
 Clos des Chênes vineyard, France, 324
 Clos des Ducs vineyard, France, 324
 Clos Martinet wine, 435
 Clos Pegase winery, California, 133
 Clos de la Roche vineyard, France, 319
 Clos St-Denis vineyard, France, 319
 Clos de Tart vineyard, France, 319
 closures, 5, 79, 225, 658, 659, 683. *See also* corks
 Clos Du Val winery, California, 136–137, 142
 Les Clos vineyard, France, 317, 318
 Clos de Vougeot vineyard, France, 313, 319–320
 Cloudy Bay winery, New Zealand, 244
 Coastal Region, South Africa, 249–250
 Codorníu winery, Spain, 425, 433
 Colares DOC, Portugal, 449, 476

- Colchagua Valley wine region, Chile, 217
 Coldstream Hills winery, Australia, 234
 Cole Ranch AVA, California, 163, 165
colheita Tawny Porto, 464
colheita wines, 455, 481, 484
 collector wine cellar, 674–676
 Colli Asolani Prosecco Bianco wine, 367
 Collio Orientali del Friuli wine region, Italy, 370, 410
 Colli Orientali del Friuli Picolit wine, 367, 409
 Collioure appellation, France, 343, 344
 Collio wine region, Italy, 410
 colloids, 65
 Colombar grapes, 33
 Colombo, Jean Luc, 337, 338
 Colorado AVAs, 37, 746
 Colorino grapes, 386, 387
 color of wine, 52–53, 57, 65, 68, 88–89, 91, 92, 93, 649–650
 Color Wheel, 93
 Columbia Gorge AVA, Oregon, 192, 198
 Columbia Gorge AVA, Washington State, 192–193, 194
 Columbia Valley AVA, Oregon, 192, 198
 Columbia Valley AVA, Washington State, 192–193
 Comité Interprofessionel des Vins de Champagne (CIVC), 280
 Commandaria wine, 543
 Commonwealth of Independent States (CIS), 524–525
 comparative tasting, 102
 complementing flavors, in food/wine pairing, 558–559
 compost, 15
 Comté Rhodaniens IGP, France, 264
 Comté Tolosan IGP, France, 264
 Conca de Barberà DO, Spain, 424, 425, 436
 Concannon winery, California, 173
concentrateur, 292
 Concha y Toro winery, Chile, 208, 212, 214, 218
 Concord grapes, 188
 Condado de Huelva DO, Spain, 425, 445
 Conde de Valdemar winery, Spain, 431
 Condrieu appellation, France, 332, 334
 Cònero wine, 365, 382
 Connecticut AVAs, 746
 Cono Sur winery, Chile, 218
 Conseil Interprofessionel du Vin de Bordeaux (CIVB), 289
consejo regulador, 417, 439
consorzio system, 362
 Constantia wine region, South Africa, 249, 250–251
 Constellation, 124, 125, 127, 181, 212
 Contra Costa AVAs, California, 168, 169, 170, 183, 747
 contrasting flavors, in food/wine pairing, 558–559
 Controguerra DOC, Italy, 381
 cooking method, and food/wine pairing, 557, 564–567, 599–600
 cooking wine, 599
 Coonawarra wine region, Australia, 228, 230, 232, 238
 Cooper Mountain Vineyards, Oregon, 17
copita, 442
 Coppola, Francis Ford, 69, 123, 125, 156
 Corbières appellation, France, 343, 344–345
 Corder, Roger, 640–641
 Cordillera wine, 213
 cordon-spur pruning, 18
 corkage fee, 711
 corked, 650
 corks
 dry/wet, 662
 production of, 683
 for sparkling wine, 79, 84, 284
 synthetic, 659, 683
 tartrate deposits on, 94, 658
 TCA contamination of, 97, 659
 uncorking, 649, 658, 660
 corkscrew, 649, 657, 658, 660, 666
 Cornas appellation, France, 332, 337
 Cornell University, Agricultural Experiment Station, Geneva, N.Y., 11, 12, 15
 Coro Mendocino wines, 164
 Corsica, wine regions of, 261, 348–349
 Cortes de Cima winery, Portugal, 478, 479, 480
 Cortese di Gavi wine, 366, 399, 405
 Cortese grapes, 33, 366
 Corton-Charlemagne vineyard, France, 321, 322
 Corvina grapes, 48, 364, 407
 Corvo winery, Italy, 373
cosecha wines, 419
 Cosentino, Mitch, 135
 Costers del Segre DO, Spain, 425, 436
 Costières de Nîmes appellation, France, 339–340
 Côteaux d'Aix-en-Provence appellation, France, 343, 347
 Coteaux de l'Aubance appellation, France, 266, 269
 Coteaux Champenois appellation, France, 286
 Coteaux du Giennois appellation, France, 266, 273
 Coteaux du Languedoc appellation, France, 343, 345
 Coteaux du Layon appellation, France, 265, 266, 269, 270
 Coteaux du Loir appellation, France, 266, 271
 Coteaux de Pierrevert appellation, France, 332, 348
 Coteaux de Saumur appellation, France, 270
 Coteaux du Tricastin appellation, France, 332, 339
 Coteaux Varois appellation, France, 343, 347
 Coteaux du Vendômois appellation, France, 266, 271
 Côte des Bar wine region, France, 278, 282
 Côte de Beaune appellation, France, 21, 40, 312, 315, 318, 321, 322–326
 Côte de Beaune-Villages appellation, France, 322
 Côte des Blancs wine region, France, 278, 281
 Côte de Brouilly appellation, France, 330
 Côte Chalonnaise wine region, France, 41, 312, 326–327
 Côte de Nuits appellation, France, 40–41, 312, 318–322
 Côte d'Or region, France, 40–41, 312, 316, 318–326
 Côte de Provence appellation, France, 343, 347
 Côte Roannaise appellation, France, 273
 Côte-Rôtie appellation, France, 332, 335
 Côtes de Bergerac appellation, France, 309
 Côtes de Bordeaux Blaye appellation, France, 288, 290, 297, 308
 Côtes de Bordeaux Cadillac appellation, France, 288, 300, 308–309
 Côtes de Bordeaux Castillon appellation, France, 288, 308
 Côtes de Bordeaux Francs appellation, France, 288, 297, 308
 Côtes de Bordeaux Saint-Macaire appellation, France, 288, 300
 Côtes de Bourg appellation, France, 288, 290, 297, 308
 Côtes de Duras appellation, France, 309
 Côtes du Forez appellation, France, 273
 Côtes du Frontonnais appellation, France, 310
 Côtes du Jura appellation, France, 330–331
 Côtes du Lubéron appellation, France, 332, 339
 Côtes de la Malepère appellation, France, 311, 343
 Côtes du Marmandais appellation, France, 309–310
 Côtes de Meliton AOC, Greece, 533, 535–536
 Côtes de Millau appellation, France, 311
 Côtes du Rhône appellation, France, 62, 332, 333, 338
 Côtes du Rhône-Villages appellation, France, 333, 338–339
 Côtes du Roussillon appellation, France, 343–344
 Côtes du Roussillon-Villages appellation, France, 343, 344
 Côte de Sézanne wine region, France, 278, 281
 Côtes du Ventoux appellation, France, 332, 339
 Côtes du Vivarais appellation, France, 332, 339
 Cot grapes, 48
 Coulée de Serrant, France, 16–17, 268
 Counoise grapes, 341
 Cousiño-Macul winery, Chile, 216, 218
 Covelo AVA, California, 164
 cover crops, 15, 16
 Craig, Robert, 144
 Crawford, William, 165
 cream sherries, 443
 Crémant d'Alsace wine, 277
 Crémant de Bourgogne appellation, France, 327
 Crémant du Jura wine, 330
 Crémant de la Loire appellation, France, 269, 270
 Creole food/wine pairing, 596, 629
 Crépy appellation, France, 331
 Crete AOC, Greece, 532, 533, 540–541
 Crew Wine Company, California, 181
crianza wines, 419
 Criolla grapes, 122, 202
 Criots-Batârd-Montrachet vineyard, France, 325
 Croatia, 113
 Croser, Brian, 196
 crossbreeding, 9, 10, 12
 cross-pollination, 11
 crown caps, 659, 683
 Crozes-Hermitage appellation, France, 332, 337
cru, 265, 280, 285, 294
cru Beaujolais wines, 329–330
cru bourgeois, 295
 crushing, 63, 461
 crusted Porto, 463
 cryoextraction, 68, 76, 292, 472
 Cucamonga Valley AVA, California, 177, 179, 183
 Culinary Institute of America, Greystone campus of, 123, 143, 149
 Cumberland Valley AVA, Maryland, 202
 Curicó Valley wine region, Chile, 209, 217
 Curtis, Charles, 678–679
 customer complaints, handling, 663

- customer expectations, and wine list, 696
 Cuvaison winery, California, 125, 128
 Cuvée de Prestige Champagne, 286
 Cyclades Islands wine region, Greece, 533, 541–542
 Cyprus, 542–543, 544
- D**
 Dagorn, Roger, 653
 Dagueneau, Didier, 272
 dairy products/wine pairing, 603
 cheese, 571, 574, 576–591, 600
 Daniel, John, Jr., 125, 148
 Dão DOC, Portugal, 449, 470, 472–474
 Daphnes AOC, Greece, 533, 541
 Darling wine region, South Africa, 249, 252
 Davies, Jack, 123, 125, 460
 Davis Bynum winery, California, 125
 Davis Mountain AVA, Texas, 200
 Debina grapes, 532
Decanter magazine, 677
 decanting wine, 659, 661–662, 664, 665
 De Chaunac grapes, 12
dégorgement (disgorging), 79, 84
 degree day (heat summation) system, 118–120
 DeGrendel winery, South Africa, 252
 Delicato winery, 181
 Delissio, Joseph, 94, 654
 Delmas, Jean Bernard, 305
 Demeter Association, 16
demi-sec, 84, 268, 285
denominação de origem controlada (DOC), Portugal, 257, 453, 454–455, 744
denominação de origem protegida (DOP), Portugal, 257, 454
denominación de origen (DO), Spain, 257, 417, 418–419, 423
denominación de origen calificada (DOC), Spain, 417, 419, 423
denominación de origen de pago (DO de pago), Spain, 417–418
denominación de origen protegida (DOP), Spain, 257, 418, 419
denominazione di origine controllata (DOC), Italy, 257, 351, 354, 390, 738
 wine zones, 358–361, 371, 372, 373–375, 376–377, 378, 379, 380–384, 391, 395, 406–413
denominazione di origine controllata e garantita (DOCG), Italy, 354–355, 739
 wine zones, 354–355, 362–367, 371, 372, 375, 377, 378, 379, 380, 381, 382, 385–387, 389, 391–395, 397–405
denominazione di origine protetta (DOP), Italy, 257, 358
 designated viticultural areas (DVAs), 203
 dessert/wine pairing, 571, 574, 576, 582, 583, 587, 589–591, 605
 destemming, 58, 59, 63
 diabetes, and wine consumption, 634, 636
 Diageo Chateau & Estate Wines, 127
 Diamond Creek Vineyards, California, 149
 Diamond Creek winery, California, 125
 Diamond Mountain District AVA, 149, 151
 direct producers, 11
 Districtus Austriae Controllatus (DAC), 509
 Le Dix de Los Vascos wine, 213
doble pasta, 420
 Dodecanese Islands wine region, Greece, 533, 540
 Dolcetto d'Alba wine, 361, 403
 Dolcetto d'Asti, 403
 Dolcetto di Diano d'Alba wine, 403
 Dolcetto di Dogliani Superiore wine, 363, 398, 403
 Dolcetto delle Lange Monregalesi wine, 403
 Dolcetto di Ovada wine, 364
 Dolcetto grapes, 48–49, 363, 403
 Dôle wine, 41, 516
 Domaine de la Baume, 345
 Domaine Carneros, California, 139, 736
 Domaine Chandon, California, 139, 140, 148, 234
 Domaine de Chevalier, France, 296, 305
 Domaine Comte Georges de Vogue, France, 319
 Domaine Drouhin, Oregon, 196
 Domaine Geravassiliou, Greece, 536
 Domaine Helios, Greece, 539
 Domaine de Mont Redon, France, 341
 Domaine Spiropoulos, Greece, 538
 Domaine Tselepos, Greece, 538, 539
 Domingues, José, 470
 Dominio Cusiné wines, 433
 Dominus Estate, California, 148
 Dom Pérignon, 78–79, 284
 Dom Pérignon Champagne, 60, 284
 Don Melchor wine, 208, 212, 214
 Donnafugata winery, Italy, 374
 Don Sebastiani & Sons, 128
 Dornfelder grapes, 493, 504
dosage, final (*liqueur d'expédition*), 84, 85
 Dos Rios AVA, California, 164
 double magnum bottle, 680
 Doumani, Carl, 142
 Douro DOC, Portugal, 448, 449, 456–465
doux, 84, 285
 Dow's winery, Portugal, 462, 463
 drainage, soil, 8
 Drama *Vin de Pays*, Greece, 534, 536
 Draper, Paul, 44, 137, 140, 173
 Drouhin, Robert, 196
 Dry Creek Valley AVA, California, 130, 152, 158, 159
 Dry Creek Vineyard, California, 159
 Duarte, Luis, 479
 Ducellier system (autovinification), 461
 Duero River Valley wine region, Spain, 422, 424, 427–430, 456
dulce Cava wine, 420
 dumb stage, 677, 685
 Dundee Hills AVA, Oregon, 192, 196–197
 Dunn, Randy, 140, 141
 Dunnigan Hills AVA, California, 180–181
 Duriense wine region, Portugal, 449, 456–465
 Dutton Ranch, California, 158
 Duval, Michele, 700, 706
- E**
 Eastern Europe wine regions, 23, 519–525
 Bulgaria, 520, 524
 food/wine pairing, 593
 Georgia, 520, 524–525
 Hungary, 520–523
 Moldova, 520, 525
 Romania, 520, 523–524
 Russia, 520, 525
 Ukraine, 520, 525
 Eastern Shore AVA, Virginia, 201
 East India Sherry, 443
 Eberle, Gary, 175, 176
 Ebro River Valley wine region, Spain, 422, 424, 430–432
 Echézeaux vineyard, France, 320, 321
 Edelman, Miles, 467
 Eden, William, 294
 Eden Valley wine region, Australia, 232, 237
 Edgar, Neil, 135
 Edna Valley AVA, California, 130, 169, 174, 175
 egg dishes/wine pairing, 577–583, 588–591, 604
 egg white, as fining agent, 73, 292
 Egri Bikavér wine (“Bull’s Blood”), 522
Einzellage, 494
 Eisele, Volker, 147, 148
Eiswein (Icewine), 12, 26, 28, 76, 203, 204, 489, 496, 509, 730, 742
 Elba Aleatico Passito wine, 363, 385
 Elbling grapes, 502
 El Dorado County AVAs, California, 130, 179, 183, 747
 electro dialysis, 68, 69
 Ellison, R. Curtis, 638–639, 640, 641
embotellado de origen, 420
 Emilia-Romagna wine region, Italy, 36, 49, 357, 359–360, 365, 370, 378, 379
 food/wine pairing, 616
 wine zones of, 380–381
 Emilio Lustau winery, 443, 444
 Empordà DO, Spain, 424, 425, 436
 Encruzado grapes, 452–453, 473
 energy efficiency, 15
enforcado system, 468–469
engarrafado na origem, 456
engarrafado na região, 456
 England
 food/wine pairing, 594
 grape varieties in, 22
 in Madeira trade, 484
 in Porto trade, 466
 wine consumption in, 112
 wine laws of, 257
 Enrique Mendoza winery, 436
 Entre-Deux-Mers appellation, France, 288, 290, 291, 293, 297
 Eola-Amity Hills AVA, Oregon, 192, 197
 EOS winery, California, 176
 Epanomi *Vin de Pays*, Greece, 536
epilegmenos (reserve), 529
 Epirus wine region, Greece, 533, 537
 Eriksson, Leif, 9
 Errazuriz winery, Chile, 218
Erste Lage wines, 498–499
 Escolha wines, 455
 Escondido Valley AVA, Texas, 200
 Esgana Cão grapes, 453, 475, 476, 482
 Espadeiro grapes, 426, 452
 Espinoza, Alvaro, 217–218
espumante, 456, 470
 Essencia, wine, 523
 estate-bottled wine, 116, 160, 214–215, 289, 369, 420, 735
 Esterlina Winery, California, 165
 esters, 96
 Est! Est!! Est!!! di Montefiascone wine, 378, 383
estufagem method, 483, 484, 485
estufas (heated vats), 484
 Ethiopian food/wine pairing, 595
 Etna wine, 371, 373

- L'Étoile appellation, France, 331
 Europe, wine consumption in, 112, 257, 633, 638
 European Union, 116, 255, 438
 wine laws of, 256, 260, 262, 263, 275, 352,
 355, 358, 362, 369, 418, 419, 473, 482,
 487–488, 493, 528
 Evharis winery, Greece, 537
extra brut, 84, 285
extra dry, 84, 285
 Extra Reserve, 484
 Extremadura wine region, Spain, 425, 439
 Ezerjó grapes, 521
- F**
- Falanghina grapes, 33, 377
 Falanghina wine, 378
 Falernum wine, 378
 Falesco wine producer, Italy, 383
 Faro wine, 371
 fatty foods/wine pairing, 600, 602–603
 Faugères appellation, France, 343, 346
 Fausto Maculan winery, Italy, 408
 Fay, Norman, 142
 Fendant wine, 515–516
 Fennville AVA, Michigan, 190
 Fer grapes, 309, 310, 311
 fermentation, controlled
 aguardente in, 460, 466, 485
 carbonic maceration, 66–67, 328, 338, 341,
 343, 344, 432, 472
 governo process, 56, 377, 387
 malolactic, 54, 67–68, 72, 272, 283, 295, 387,
 400, 469, 482
 méthode champenoise, 78, 79, 80–83, 284, 327
 méthode dioise ancestrale, 338
 méthode Gaillaçoise, 310
 méthode rurale, 311
 red wine, 63–67
 requirements of, 61–62
 in stainless steel vats, 12, 20, 60, 61, 67, 81,
 85, 267, 283, 317, 409, 433, 440, 489, 490
 sweet wine, 74
 types of containers, 60
 white wine, 60–63
 whole-berry/whole bunch, 63
 in wooden barrels, 20, 60–61, 213, 283, 317,
 489–490
 Fernandez, Alejandro, 428, 439
 Fernão Pires grapes, 453, 471–472, 475, 479
 Ferreira, Antónia Adelaide, 466
 Ferreira winery, Portugal, 454
 fertility, soil, 6, 7, 13, 14
 fetal alcohol effect (FAE), 643, 644
 fetal alcohol syndrome (FAS), 643, 644
 Fetzer Vineyards, California, 125, 162, 166
 Feudo Maccari winery, Italy, 374
 Fiano di Avellino wine, 33, 367, 378
 Fiano grapes, 33, 367, 374, 377, 378
 Fiddletown AVA, California, 130, 179, 183
 field grafting, 13
 Figueroa, José, 122
 Filiria wine, 535
 filtration method of clarification, 73, 93
finca, 434
 Finca Élez *DO de Pago*, Spain, 418, 425
 Finger Lakes AVA, New York, 12, 22, 26, 28, 33,
 41, 186, 187–188
 fining agents, 65, 72, 73
fino Sherry, 440, 441, 442
- Fischer, Peter, 347
 Fisher, M. F. K., 99
 fish/wine pairing, 569, 572, 575, 577–584, 588–
 591, 600, 602, 701
 Fitou appellation, France, 343, 345
 5C rootstock, 11
 Fixin appellation, France, 319
 Flagey-Echézeaux appellation, France, 320, 321
 Flat Creek Vineyards, Texas, 199
 flavor
 balance of, 99
 and food/wine pairing, 557–559
 complementary/contrasting, 558–559
 dominant, 559
 intensity of, 557–558, 597
 off flavors, 101
 removing unwanted flavors, 69
 and ripeness, 54
 and soil composition, 6, 8
 and temperature during fermentation, 61
 Fleurie appellation, France, 329
 flint soil, 271, 272
flor yeast, 330, 440–441, 442
 Folle Blanche grapes (Gros Plant), 33, 268
 Foloí wine, Mercouri Estate, 537–538
 Fonseca (José Maria da) winery, Portugal, 474,
 475, 483
 Fonseca winery, Portugal, 462
 food/wine pairing, 555–631
 and acidity, 602–603
 artichokes, 603
 cheese, 571, 574, 576–591, 600, 723, 724
 and cooking methods, 557, 564–567,
 599–600
 by cuisine, 592–597
 African, 595
 Austrian, 622
 Belgian, 593
 Caribbean, 595–596
 Central European, 593
 Chinese, 592
 Eastern European, 593
 English, 594
 French, 593–594, 607–612
 German, 621
 Greek, 535, 537, 542, 594, 623
 Indian, 592
 Indonesian, 592
 Italian, 394, 594, 613–618
 Japanese, 592
 Korean, 593
 Mediterranean (Eastern), region, 595,
 624
 Portuguese, 447, 460, 465, 470, 472,
 594–595, 620
 South African, 625
 South American, 595, 626
 Spanish, 429, 442–443, 595, 619
 Swedish, 595
 Thai, 593
 in United States, 596–597, 627–631
 Vietnamese, 593
 and dessert, 605
 and flavor, 557–559
 complementing/contrasting, 558–559
 dominant, 559
 intensity of, 557–558, 597
 fortified wine, 442–443, 591, 669
 horizontal/vertical choices, 597–600
- and hot/cold sensations, 556
 internationalism *vs* regionalism in, 601
 menus. *See* menus, food and wine
 in multicourse dinner, 597–599
 and power of wine, 559–563
 red wine, 566–567, 572–574, 583–587, 599
 rosé wine, 575–576, 588
 salty foods, 603–604
 and seasonality, 604, 606
 soup, 577–591, 604, 669
 sparkling wine, 559, 575–576, 589–590
 spicy foods, 603, 701
 sweet wine, 561, 564–565, 569–571, 576, 582,
 587, 588, 590, 591, 605
 tannin-fat considerations in, 600, 602
 taste considerations in, 555–557
 texture considerations in, 557
 white wine, 564–565, 569–571, 577–582,
 599, 600
 on wine lists, 701, 723, 724
 in wine tasting, 671
 Forrester, James, 466
 Fortant de France, 345
 fortification, 62
 fortified wine
 aromatized, 78
 color of, 91, 92, 93, 650
 food/wine pairing, 442–443, 591, 597, 605,
 669
 production of, 77–78
 serving, 465, 485, 650, 651, 666, 669
 for wine cellar, 690, 691
 in wine tasting, 90, 670
 See also Madeira wine; Porto wine; Sherry
 wine
 Foster's Wine Estates, 127
 Fournier, Charles, 114, 187, 188
 France, 259–349
 appellation system in, 120, 262–265, 277–
 278, 314–316, 547
 Baumé scale, 55
 biodynamic viticulture in, 15, 16–17
 climatic conditions in, 119, 279–280, 289–
 290, 312–313, 317, 333, 338, 347
 food/wine pairing, 593–594, 607–612
 grape varieties in, 11, 32, 33, 46–47, 48, 49,
 276–277, 290–292
 Cabernet Sauvignon, 36, 291
 Chardonnay, 21
 Chenin Blanc, 30
 Gewürztraminer, 26, 27, 276–277
 Grenache, 45
 Marsanne, 32
 Melon de Bourgogne (Muscadet), 32
 Merlot, 38, 291
 Pinot Gris, 29, 277
 Pinot Noir, 40–41
 Riesling, 26, 276
 Roussanne, 32
 Sauvignon Blanc, 23–24, 290–291
 Sémillon, 31, 290
 Syrah/Shiraz, 42–43
 Viognier, 29–30
 in Paris wine tasting (1976), 126, 136
 phylloxera in, 9, 10
 pruning in, 18
 wine consumption in, 112, 113, 638
 health benefits of, 636, 637–638
 wine labels in, 264, 265, 268, 275, 276, 315,

- 316, 737, 738
 wine laws of, 257, 259, 262–265, 268, 275, 295, 314
 wine production in, 260, 262, 263, 282–284, 314, 317
 wine regions of, 21, 264, 265–349
 Beaujolais, 312, 328–330
 Corsica, 261, 348–349
 Jura, 330–331
 map of, 261
 Rhône Valley, 332–342, 608
 Savoie, 330, 331
 South, 342–348, 608
 Southwest, 309–311, 611
 See also Alsace wine region; Bordeaux wine region; Burgundy wine region; Champagne wine region; Loire Valley wine region
 Franciacorta wine, 366, 395, 397
 Franco, Domingo Soares, 474, 480
 François, André, 78, 284
 Frank, Fred, 187
 Frank, Konstantin, 114, 187
 Franken wine region, Germany, 500, 507
 Franus, Peter, 144
 Frappato grapes, 365, 371, 374
 Frascati wine, 378, 382, 383
 Fredericksburg AVA, Texas, 200
 Freemark Abbey, California, 125, 137
 Freisa d'Asti wine, 404
 Freisa grapes, 398
 Freixenet company, 433
 Fresno County AVAs, California, 183, 747
 Frey Vineyards, California, 17
 Frick Winery, California, 159
 Friulano grapes (formerly Tocai Friulano), 409
 Friulano wine, 409, 410
 Friuli Grave wine region, Italy, 410–411
 Friuli–Venezia Giulia wine region, Italy, 22, 24, 29, 36, 38, 356, 359, 367, 370, 409–411
 Frog's Tooth Vineyard, California, 180
 Fronsac appellation, France, 308
 Frontenac grapes, 12
 Frost, Doug, 90, 653
 fruit/wine pairing, 571, 574, 576
 Fuella grapes, 348
 Fugger, Johann, 383
 Fumé Blanc wines, 23, 24, 272
 Furmint grapes, 33, 521, 522, 523
 futures market purchasing strategy, 680, 705
- G**
 Gagey, André, 89
 Gaglioppo grapes, 376
 Gaia Estate, Greece, 539
 Gaillac appellation, France, 310
 Gaja, Angelo, 391, 400, 402
 Galicia wine region, Spain, 425, 426
 Gallo, Ernest and Julio, 124
 Gallo, Gina and Matt, 155
 Gallo Family Vineyards, California, 127, 155, 170, 181
 Gallo Nero *consorzio*, 389
 Gallo (E. & J.) Winery, California, 124, 127
 Gál, Tibor, 520
 Gamay grapes, 46, 119, 266, 270, 313, 326, 327, 328, 514, 517
 game/wine pairing, 570, 573, 575, 578–579, 581–582, 584–589
 Gamza grapes, 524
 Garcia, Miguel, 706
 Garganega grapes, 33, 367, 407
 Garnacha Blanca grapes, 33, 431
 Garnacha grapes (Grenache), 45–46, 375, 421, 429, 430, 431, 435, 438
 Garnacha Peluda grapes, 434
 Garnacha Tintorera grapes, 421
 Garrafeira wines, 455, 472, 473, 479, 484
 Garvey, Julie, 135
 Gattinara wine, 363, 397, 398, 403
 Gavi wine, 101, 366, 399, 405
 Geddes, Steven A., 686
 Geisenheim research station, Germany, 11, 12, 31
 gelatin, as fining agent, 73
 generic labels, 114–115, 227, 733
 genetic splicing, 10
 Geneva double curtain trellis system, 14–15
 Geneva wine region, Switzerland, 514, 517
 Geographe wine region, Australia, 240
 Georgia (Eastern Europe), 524–525
 Germany, 487–508
 appellation system in, 493–496, 498–499
 climate in, 119, 488–489
 food/wine pairing, 621
 grape varieties in, 22, 25, 27, 29, 31–32, 33, 36, 41, 48, 491–493
 hybrid grapes in, 11
 Öchsle scale, 55
 soil type in, 7
 wine categories in, 487–488, 493–496
 wine consumption in, 112, 487
 wine exports of, 499, 517
 wine labels in, 491, 493, 494, 495, 497–498, 499, 740–743
 wine laws of, 76, 257, 493
 winemaking in, 489–491
 wine regions of, 499–508
 Ahr, 507
 Baden, 507
 Franken, 507
 Hessische Bergstasse, 508
 map of, 500
 Mittelrhein, 507
 Mosel, 25, 492, 499, 500, 501–504
 Nahe, 507
 Pfalz, 25, 504–505
 Rheingau, 25, 504, 505
 Rheinhessen, 25, 505–507
 Saale-Unstrut, 508
 Sachsen, 508
 Württemberg, 507–508
 wine styles of, 489
 Gerovassiliou, Evangelos, 535, 536
 geschützte geographische Angabe (ggA), 257, 493, 494
 geschützte Ursprungsbezeichnung (gU), 257, 494
 Gevrey-Chambertin appellation, France, 312, 319, 321
 Gewürztraminer grapes, 26–28, 119, 276–277, 492–493, 534
 Gewürztraminer wine, 26–27, 74, 95, 559
 Geyser Peak winery, California, 167
 Ghemme wine, 363, 398, 403
 Gier, Theodore, 143
 Gigondas appellation, France, 332, 340
 girasols, 83–84
 Gisborne wine region, New Zealand, 22, 243, 244
 La Gitana Manzanilla Sherry wine, 77
 Givry appellation, France, 312, 326
 glass, wine sales by, 727, 731
 glass closures, 659, 683
 glassware, 89, 651, 655–656, 667
 Glenrowan wine region, Australia, 232, 234
 Glera grapes (Prosecco), 367
 Glikerithra grapes, 538
 Gloria Ferrer winery, California, 139
 Glorian, Dafne, 435
 gluconic acid, 100
gluco-oenomètre, 78, 284
 glycerol, 56, 74, 94
 Godello grapes, 33, 422, 427
 Godeval winery, Spain, 427
 Golan Heights wine region, Israel, 544, 546
 Golan Heights Winery, Israel, 546
 Goldman, Stephen, 174
 Gorbachev, Mikhail, 519, 525
 Goria, Giovanni, 354, 355
 Goria Law, 354, 355
 Gouais Blanc grapes, 11
 Goulburn Valley wine region, Australia, 232, 234
 Goumenissa AOC, Greece, 533, 535
 Goundrey Wines, Australia, 241
 Les Gouttes d'Or, France, 324
 Gouveio grapes, 453
governo process, 56, 387
 Grace Vineyard, China, 548, 549
 Graciano grapes, 421, 431, 475
 Graciosa wine, 481
 Graff, Richard, 125
 grafting techniques, 10–11, 13
 Graham's winery, Portugal, 462
 Graham, Randall, 161, 173
 grains/wine pairing, 577–581, 583–586, 588–590
 Grampians wine region, Australia, 232, 234
grand cru vineyards, 265
 in Alsace, 275–276
 in Bordeaux, 295, 299, 301–302, 303–304, 305, 306, 307
 in Burgundy, 316, 317–318, 319, 320, 321, 322–323, 325, 401
 in Champagne, 280
 in Loire Valley, 268–269
grande escolha wine, 455
 grande reserve wines, 529
 La Grande Rue vineyard, France, 320
 Grand Noir grapes, 478
 Grands Echézeaux vineyard, France, 320, 321
granel wine, 483, 484
 Grange wine, 235
 granite soil, 7, 42, 274, 335, 336, 468, 478, 505
gran reserva wines, 420, 431, 432
 grape growing
 clonal variation in, 11–13
 heat summation system, 117, 118–120
 history of, 8–13
 hybrid varieties, 11, 12
 and location, 67, 117
 See also climate for grape growing; harvesting; phylloxera; soil for grape growing; viticulture
 grapes
 acidity, 6, 18–19, 68, 100
 bloom, 51, 58
 color of, 52–53, 57
 development of, 18
 pressing, 57–60, 63, 282
 ripeness, 19–20, 54, 118

- sugar level, 18–19, 55
tannin-rich, 65
- grape varieties
for climatic regions, 119
hybrid, 11, 12
red, 9, 12, 34–49
vinifera, 8, 9, 10, 11, 12, 187, 210
white, 9, 12, 20–34
on wine label, 115–117
on wine lists, 717, 720
See also grape varieties under country name; specific grapes
- Gratavinum winery, Spain, 432
- Grauburgunder grapes, 510
- gravel soil, 7, 8, 270, 289, 290, 299, 304, 308, 323
- Graves appellation, France, 23, 288, 290, 291, 292, 295, 296, 297, 304–307
- Graves de Vayres appellation, France, 297
- Great Southern wine region, Australia, 239–240
- Great Vintage Wine Book* (Broadbent), 523
- Grecanico grapes, 373, 374
- Greco Bianco grapes, 33
- Greco di Bianco wine, 376
- Greco di Tufo wine, 367, 377, 378
- Greece, 528–542
appellation system of, 529
food/wine pairing, 535, 537, 542, 594, 623
grape varieties in, 22, 33, 36, 43, 48, 49, 530–532
history of winemaking, 528, 542
map of, 533
phylloxera in, 532–533, 541
viticulture in, 528, 537
wine labels in, 528–530
wine regions of, 532–542
- Greece, ancient, 9, 352, 353, 369, 376, 377, 378, 527, 528
- Greek Wine Cellars, 538–539, 540
- Green, Michael, 678
- Greene, Joshua, 700
- green harvest, 18
- Green & Red, California, 147
- Green Spain wine region, 422, 424, 425–427
- Green Valley of Russian River Valley AVA, California, 130, 152, 156, 157–158
- Greenwood Ridge winery, California, 166
- greinói ampelones* (vineyard), 530
- Grenache Blanc grapes, 33, 338, 341, 342, 344
- Grenache grapes (Garnacha), 20, 45–46, 338, 339, 340, 341, 342, 344, 345, 346, 375, 421, 435
- Grenache wine, 230
- Greystone, Culinary Institute of America, 123, 143, 149
- Grgich, Miljenko “Mike,” 136
- Grignolino grapes, 398, 404
- Grippat, J. L., 335
- Grolleau grapes, 49
- Gronbaek, Morton, 643
- Gros Manseng grapes, 311
- Gros Plant grapes (Folle Blanche), 33, 268
- Grosslage*, 494
- Grumello wine, 364, 395
- Grüner Veltliner grapes, 32, 509–510
- GSM wines, 45
- Guagliardo, Noelle, 687
- Guedes family, 469
- Guenoc Valley AVA, California, 130, 163, 167
- gueridon, 657
- Guerrieri Rizzardi Winery, 408
- Guibert, Aimé, 345
- Guimarens, Bruce, 467
- Guimarens, David, 464, 467
- Gulf Islands DVA, British Columbia, 205
- Gumpoldskirchener wine, 510
- Gyöngyös winery, Hungary, 522
- gyropalettes*, 83
- H**
- Haag family, 501
- Haas, Robert, 176
- Halbsüss* wines, 509
- Halbtrocken* wines, 495, 497, 509
- Hamptons Long Island AVA, 186, 189
- Handley, Milla, 165
- handpicking, 55, 282, 298, 309
- hand sorting, 63
- Hanzell winery, California, 125, 153
- Haraszthy, Agoston, 122–123, 162
- Hargrave, Alex and Louisa, 189
- Hárslevelű grapes, 521
- harvesting
green harvest, 18
handpicking, 55, 282, 298, 309
late-harvest grapes, 74
mechanical, 55–56
optimal time for, 18–20, 54–55
and sugar level, 18–20, 55
and trellis system, 14
and vintage, 54
- Hauner, Carlo, 371
- Haut-Benauges appellation, France, 297
- Hautes-Côtes de Beaune appellation, France, 322
- Hautes-Côte de Nuits appellation, France, 318
- Haut-Médoc appellation, France, 288, 290, 291, 292, 302
- Havens, Michael, 139
- Hawkes Bay wine region, New Zealand, 22, 39, 243, 244
- head-spur pruning, 18, 19
- health benefits of wine consumption, 111, 113, 633–645
and heart disease, 634, 636, 637–639, 640, 641, 642
with Mediterranean diet, 634, 635, 641
and public policy, 641
red wine, 634, 636, 637–638, 639–641
in women, 641–643
- heart disease, and wine consumption, 634, 636, 637–639, 640, 641, 642
- heat retention, soil, 8
- heat summation system, 117, 118–120
- Heitz, Alice, 125
- Heitz, David, 125
- Heitz, George, 205
- Heitz, Joe, 114, 125
- Heitz Wine Cellars, California, 114, 125, 136–137
- Helena Montana vineyard, 160
- Helicobacter pylori*, 634
- Heminway, Jay, 147
- Hendry, George, 144
- Henry Estate winery, Oregon, 197
- Henschke’s Hill of Grace wine, 60, 237
- herdade*, 456
- Herdade do Mouchão winery, Portugal, 480
- Herdade do Esporão winery, Portugal, 479
- Hermitage appellation, France, 332, 336–337
- Heron Lake Winery, California, 147
- Hertog, Michael, 640
- Hess, Donald, 143, 144
- Hess Collection, California, 143, 144, 640
- Hessische Bergstrasse wine region, Germany, 500, 508
- High Valley AVA, California, 163, 167–168
- Hillcrest Vineyards, Oregon, 197
- Himachal wine region, India, 551
- Hochar family, 547
- home wine cellar, 673–674, 690–691
- home wine tasting, 670–671
- Hondarribi grapes (Hondarribi Zuri), 33, 422
- horizontal tasting/flight, 102, 699
- Horse Heaven Hills AVA, Washington State, 192, 193
- Howell Mountain AVA, California, 123–124, 132, 140–142
- Huarpe winery, Argentina, 221
- Hudson River wine region, New York, 22, 41, 186, 188–189
- Humboldt County AVAs, California, 183, 747
- humidity, and wine storage, 684, 686
- Huneus, Agustin, 212
- Hungary, 33, 36, 39, 113, 520–523
- Hunter Valley wine region, Australia, 21, 31, 225, 229, 231, 232, 233
- hybrid grape varieties, 11, 12
- hydrogen sulfide smell, 97
- hydrometer, 55
- hygrometer, 684
- hypertension, and alcohol consumption, 634
- I**
- Iatridis, Angelos, 535
- ice bucket, 651
- Icewine (*Eiswein*), 12, 26, 28, 76, 203, 204, 489, 496, 509, 730, 742
- Idaho AVAs, 22, 37, 198, 746
- eidika epilegmenos* (grand reserve), 529
- IGP (*indicação geográfica protegida*), Portugal, 454
- IGP (*indicación geográfica protegida*), Spain, 418
- IGP (*indication géographique protégée*), France, 257, 263–264, 342, 345
- IGT (*indicazione geografica tipica*), Italy, 355–357, 375, 377, 381, 391, 740
- Illinois AVAs, 746
- Immer Robinson, Andrea M., 699
- Imperial bottle, 680, 681
- INAO (Institut National des Appellations d’Origine), France, 256, 264, 275, 282, 349
- INCAVI (Instituto Catalan de Vino), Spain, 417
- Incisa della Rocchetta, Mario, 390
- India, 23, 36, 550–551, 592
- Indiana AVAs, 746
- indicação de proveniência regulamentada* (IPR), Portugal, 454
- indicação geográfica protegida* (IGP), Portugal, 454
- indicación geográfica protegida* (IGP), Spain, 418
- indicated-age tawny Porto, 463
- indication géographique protégée* (IGP), France, 257, 263–264, 342, 345
- indicazione geografica tipica* (IGT), Italy, 355–357, 375, 377, 381, 391, 740
- INDO (Instituto Nacional Denominación de Origen), Spain, 417, 418
- Indonesian food/wine pairing, 592

- Inferno wine, 364, 395
 Inglenook winery, California, 124, 125, 146
 insects, beneficial, 16
 Insignia wine, 125
 Institut National des Appellations d'Origine (INAO), France, 256, 264, 275, 282, 349
 Instituto Catalan de Vino (INCAVI), Spain, 417
 Instituto Nacional Denominación de Origen (INDO), Spain, 417, 418
 Instituto da Vinha e do Vinho (IVV), Portugal, 455
 Instituto do Vinho da Madeira, Portugal, 482, 483
 Instituto do Vinho do Porto, Portugal, 455, 458
 Internet sales of wine, 128, 680–681
 inventory system, for wine cellars, 686–689, 692
 investor wine cellar, 674–676
 Inzolia grapes (Ansonica), 32
 iodine smell, 97
 Ionian Islands wine region, Greece, 533, 540
 Iowa AVAs, 746
 Iron Horse Vineyards, California, 158
 iron-rich soils, 8
 Irouléguy appellation, France, 311
 irrigation, 8, 129, 170, 219–220, 226, 458, 468, 532, 545
 Isabella grapes, 223, 242
 isinglass, as fining agent, 73
 Israel, 23, 36, 544–546, 595
 Italian Swiss Colony, California, 124, 162
 Italy, 351–413
 appellation system in, 257, 356–357, 367–369, 389
 consorzio system in, 362
 food/wine pairing, 394, 594
 governo process in, 56, 387
 grape varieties in, 22, 24, 30, 31, 32, 33, 34, 35, 41, 43, 45, 46, 47, 48, 49, 353–354
 Cabernet Sauvignon, 36
 Merlot, 38–39
 Pinot Grigio, 29
 Primitivo, 44, 45, 49
 Traminer Aromatico, 27–28
 history of wine trade, 352–353
 phylloxera in, 353, 391
 quality of wines, 351–352, 354
 wine consumption in, 112, 113, 382, 638
 wine exports of, 351
 wine labels in, 355, 356, 367, 368, 369, 738–740
 wine laws of, 257, 352, 354–367
 wine production in, 351, 369
 wine regions of, 369–413
 Central, 357, 359–360, 369, 378–395. *See also* Tuscany wine region
 maps of, 370, 372, 379, 385, 396, 398
 Northeast, 356–357, 359, 369, 406–413
 Northwest, 356, 359, 369, 395–406
 Southern, 357, 360–361, 369, 371–378
- J**
 Jaboulet Aîné winery, 336–337, 339
 Jack London Vineyard, California, 154
 Jackson, Jess, 144, 154, 156
 Jackson Family Farms, 127
 Jacquère grapes, 330, 331
 Jaen grapes, 452, 473
 Jamaican food/wine pairing, 595–596
 Janus wine, 428
- Japanese food/wine pairing, 592
 Jasnières appellation, France, 266, 271
 Jeanty, Philippe, 148
 Jefferson, Thomas, 201, 633
 Jensen, Josh, 172
 Jerez DO, Spain, 425, 439–441
 Jermann, Silvio, 411
 Jeroboam bottle, 680, 681, 691
 Joerger, Alexander, 679
 Johnnes, Daniel, 659, 711
 Joly, Nicolas, 16–17
 jory soil, 7
joven (young) wine, 419
 “jug” wines, 121, 124, 162, 181
 Juliénas appellation, France, 329
 Jullien, André, 294
 Jumilla DO, Spain, 422, 423, 424, 425, 437
 Jurançon appellation, France, 311
 Jura wine region, France, 330–331
 Justin Vineyards, California, 176
- K**
Kabinett wines, 495, 508, 741
 Kadarka grapes, 521, 522, 524
 Kakheti wine region, Georgia, 525
 Kamptal wine region, Austria, 511
 Kaplan, Norman, 641
 Katogi-Strofilia winery, Greece, 537
 Katz, Reuben, 689
 Keehn family, 165
 Kékfrankos grapes, 521
 Keller, Thomas, 148
 Kendall-Jackson, 127, 154, 167
 Kentucky AVAs, 746
 Kerner grapes, 502
 Kidonitsa grapes, 538
 Kimmeridgian soil, 282, 316
 King Estate Winery, Oregon, 10
 Kir-Yianni winery, Greece, 534, 535
 Kistler, Steve, 158
 Klatsky, Arthur, 637, 641, 642
 Klein Constantia Estate, South Africa, 251, 252
 Kloster Eberbach vineyard, Germany, 494
 Klosterneuburger Mostwaage (KMW) scale, 508
 Kluge Estate Winery, Virginia, 201
 Knights Valley AVA, California, 130, 152, 159–160
 Köfererhof winery, Italy, 411
 Konstantin Frank Winery, New York, 187
 Korean food/wine pairing, 593
 kosher wine, 544–545
 Kotsifali grapes, 531, 541
 Krassato grapes, 536
 Kremstal DAC, Austria, 511
 Krug, Charles, 140
 Krug (Charles) Winery, California, 123, 125
ktima (estate), 530
 Ktima Hatzimihali winery, 537
 Kumeu wine region, New Zealand, 243
 Kuyen wine, 217
 Kvareli wine region, Georgia, 525
 KwaZulu-Natal wine region, South Africa, 248
- L**
 labels. *See* wine labels
 Labouré-Roi, 313
 Laconia *Vin de Pays*, Greece, 538
 Lacoste, Madame, 308
 lactic acid, 100
- Lado grapes, 422
 Ladoix appellation, France, 322
 Ladybug wines, 166
 Lafon, Dominique, 659
lagar, Portugal, 450, 461
 Lageder, Alois, 411
 Lagorthi grapes, 532, 538
 Lagrein grapes, 49, 413
 Lake Chelan AVA, Washington State, 192, 193
 Lake County AVAs, California, 163, 167–168, 183, 747
 Lake Erie AVA, New York, 186–187
 Lake Erie North Shore DVA, Ontario, 204
 Lake Michigan Shore AVA, Michigan, 190
 Lalande-de-Pomerol appellation, France, 288, 308
 La Mancha DO, Spain, 423, 424, 425, 438–439
 Lambrusco grapes, 49
 Lambrusco wine, 380
 Langhe Nebbiolo wine, 402
 Langhorne Creek wine region, Australia, 232, 237–238
 Langtry Estate/Guenoc Winery, California, 167
 Languedoc wine region, France, 43, 261, 343, 345–346
 La Rioja wine region, Argentina, 209, 222
 late-bottled vintage Porto, 463
 latitude, and grape growing, 6
 Latour, Georges de, 124
 Lawton, Guillaume, 294
 Lazio wine region, Italy, 357, 360, 365, 370, 378, 379, 382–383
 Lebanon, 23, 36, 544, 546–547, 595
 Leelanau Peninsula AVA, Michigan, 190
 lees (yeast sediment), 32, 62, 267, 269, 286, 314, 331
 Lefkada grapes, 543
 LeFranc, Charles, 122
 Leighton, Terrence, 640
 Lembeck, Harriet, 685
 Lemberger grapes, 48
 Lemesos AOC, Cyprus, 543
 Len de l'El grapes, 310
 Lenswood vineyards, Australia, 236
 Leonetti Cellar, Washington State, 194
 Les Baux de Provence appellation, 347
Leuconostoc genus, 67
 Lew, Jasmine, 642
 Leyda Valley wine region, Chile, 216
 Liatiko grapes, 541
licorella (slate) soil, 434
lieu-dit, 336
 light exposure, and wine storage, 684, 686
 Liguria wine region, Italy, 356, 359, 370, 395, 396
 Limestone Coast wine region, Australia, 22
 limestone soil, 7, 27, 40, 200, 271, 273, 274, 303, 305, 312, 318, 327, 339, 340, 347, 385
 Limnio grapes, 530, 534, 535
 Limoux appellation, France, 311
 linalool, 54
 Linganore AVA, Maryland, 202
liqueur de tirage, 81–82, 84, 284
 Lirac appellation, France, 332, 342
 Lisboa wine region, Portugal, 449, 476–477
 Listán grapes (Palomino), 33, 422, 426, 440, 442, 445
 Llistrac appellation, France, 288, 304
 LIVE (Low Input Viticulture and Enology), 15, 194

- Livermore Valley AVA, California, 130, 169, 170, 173–174
- loam soil, 7
- Lodi AVA, California, 130, 181–182
- Lodi-Woodbridge Winegrape Commission, 182
- Lohr, J., 176
- Loire Valley wine region, France, 23, 46, 261, 265–273
 - Central Loire, 268–271
 - food/wine pairing, 610
 - map of, 266
 - Upper Loire, 271–273
 - Western Loire, 266–268
- Lokoya winery, California, 144
- Lolonis winery, California, 166
- Lombardy wine region, Italy, 36, 41, 47, 356, 359, 364, 366, 370, 395, 396, 397
- London/Napa wine tasting (2006), 136–137
- Long Island AVA, New York, 22, 37, 186, 189
- Los Angeles County AVAs, 183, 747
- Los Carneros AVA, California. *See* Carneros AVA
- Los Vascos winery, Chile, 213
- Louisiana, Mississippi, and Tennessee AVAs, 746
- Louis Jadot winery, 323
- Louis Vuitton Moët Hennessey, 285
- Loupiac appellation, France, 288, 293, 299
- Loureira grapes, 422
- Loureiro, Virgilio, 473
- Loureiro grapes, 453
- Lourinhã DOC, Portugal, 449
- Low Input Viticulture and Enology (LIVE), 15, 194
- Lungarotti family, 384
- Lussac-St-Émilion appellation, France, 288, 306
- Luxembourg, wine consumption in, 112, 113
- lyre trellis system, 14, 15
- M**
- Macabeo grapes (Maccabéo), 33, 422, 430
- Macedonia wine region, Greece, 533, 534–536
- Macinski, Tom and Marti, 188
- MacMurray Ranch vineyards, California, 155
- Mâconnais wine region, France, 21, 312, 327
- Mâcon Supérieur appellation, France, 327
- Mâcon-Villages appellation, France, 327, 659
- macroclimate, 6
- Madeira DOC, Portugal, 449, 480, 481–482
- Madeira wine, 33, 77, 91, 92, 96, 122, 481–485
 - food/wine pairing, 591
 - grape varieties, 482
 - history of, 484
 - production of, 482–483, 484, 485
 - serving, 485, 666, 669
 - styles of, 484
- Madeira Wine Company, 481–482
- Madera AVA, California, 183, 747
- Madiran appellation, France, 310, 640
- maduro*, 468
- magnum bottles, 680, 681, 691
- Magoon, Orville and Eaton, 167
- Mahaffey, David, 147
- Maipo Valley wine region, Chile, 209, 216–217
- Málaga DO, Spain, 423, 424, 425, 445
- Malagousia grapes, 530, 531
- Malagousia wine, 536
- Malbec grapes, 48, 220, 221, 222, 292, 310
- Malbec wine, 102, 220, 252, 640
- malic acid, 18, 68
- Mallorca wine region, Spain, 425
- malolactic fermentation, 54, 67–68, 72, 272, 283, 295, 387, 400, 469, 482
- Malvasia Candida grapes, 482
- Malvasia delle Lipari wine, 369, 371
- Malvasia Fina grapes, 453, 473
- Malvasia grapes, 33, 119, 378, 382–383, 432, 484
- Malvasia Nera (Mammolo) grapes, 386, 387
- Manchuela DO, Spain, 423, 425
- Mandelaria grapes, 538, 541, 542
- Manetti, Sergio, 390
- Manseng grapes, 311
- Manso de Velasco wine, 213
- Mantes, Aurelio, 212
- Mantinia AOC, Greece, 533, 538, 539
- Manzanilla de Sanlúcar de Barrameda Jerez DO, 423, 424, 425
 - manzanilla* pasada Sherry, 442
 - manzanilla* Sherry, 440, 442
- Maratheftiko grapes, 543
- Marches (Marche) wine region, Italy, 357, 360, 365, 370, 379, 382
- Marchevsky, Pedro, 220
- Marcillac appellation, France, 310
- Marco Felluga winery, 410
- Maréchal Foch grapes, 12
- Margaret River wine region, Australia, 229, 239, 240
- Margaux appellation, France, 288, 303–304
- Maria Gomes grapes, 453, 471–472
- Marie-Jeanne bottles, 681
- Marimar Estate, California, 158
- Marin County wine region, California, 168, 183, 747
- Mariposa County AVA, California, 183, 747
- Marlborough wine region, New Zealand, 22, 24, 39, 243, 244
- marly soil, 7, 308, 318, 325, 327, 340
- Marnier-Lapostolle, Alexandra, 213
- marquee* wine brands, 126–127
- Marqués de Borba winery, Portugal, 454, 479
- Marqués de Murrieta winery, Spain, 415, 431, 432
- Marqués de Riscal winery, Spain, 415, 431, 432
- Marsala Vergine wine, 373
- Marsala wine, 369, 373, 666, 669
- Marsannay appellation, France, 318–319
- Marsanne grapes, 32, 234, 333, 335, 336, 337, 342, 516
- Martin, Rebecca, 679
- Martinez Bujanda family, 431, 439
- Martini, Louis M., 133, 139
- Martini, Louis P., 133, 139
- Martini, Michael, 133, 153
- Martini Ghost Pines Ranch, California, 147
- Martini (Louis M.) Winery, California, 133, 153, 154
- Maryland AVAs, 202, 746
- Mas d'Aurel, France, 310
- Mas de Daumas Gassac, 342, 345
- Mas Martinet winery, Spain, 435
- Massachusetts AVAs, 746
- Mastroberardino family, 378
- Matanzas Creek winery, California, 154, 155
- Mátra wine region, Hungary, 522
- Maule Valley wine region, Chile, 209, 217
- Mauray appellation, France, 344
- Mauzac grapes, 310, 311
- Mavety, Ian, 205
- Mavrodaphne grapes, 530, 540
- Mavro grapes, 543
- Mavrotagano grapes, 542
- Mavrud grapes, 524
- Mawby, Larry, 190
- Mayacamas Vineyards, California, 124, 125, 136–137, 144
- Mayorquin grapes, 348
- Mazuelo grapes, 48, 421, 431
- McCarthy, Sharron, 702
- McCrea, Fred and Eleanor, 125, 145
- McDowell Valley AVA, California, 163, 165
- McDowell Valley Vineyards, California, 165
- McLaren Vale wine region, Australia, 232, 237
- McMinnville AVA, Oregon, 192, 197
- McNab Ranch, California, 17
- meat/wine pairing, 570, 573, 575, 578–591, 600
- mechanical harvesting, 18, 55–56
- Mediterranean Coast wine region, Spain, 422, 424, 425, 432–437
- Mediterranean diet, 634, 635, 641
- Mediterranean (Eastern) wine regions, 527–548
 - Algeria, 527, 547–548
 - Cyprus, 542–543, 544
 - food/wine pairing in, 595, 624
 - history of winemaking, 9, 527
 - Israel, 23, 36, 544–546
 - Lebanon, 23, 36, 544, 546–547
 - Morocco, 527, 548
 - Tunisia, 548
 - Turkey, 543–544
 - See also* Greece
- Méditerranée IGP, 264
- Médoc appellation, France, 288, 290, 291, 292, 294, 295, 301–304
- meio seco*, 471
- Meliasto wine, 538
- Melnik grapes, 524
- Melon de Bourgogne grapes (Muscadet), 32, 266–267, 313
- memory, and wine consumption, 634
- Mencia grapes, 49, 421, 427
- Mendes, Anselmo, 469, 470
- Mendocino AVA, California, 130, 163, 164
- Mendocino County AVAs, California, 162–167, 183, 747
- Mendocino Ridge AVA, California, 130, 163, 166
- Mendoza wine region, Argentina, 37, 48, 209, 221–222
- Ménéton-Salon appellation, France, 266, 273
- Méntrida DO, Spain, 423, 424, 425
- menus, food and wine, 606
 - Austria, 622
 - France, 607–612
 - Germany, 621
 - Greece, 623
 - Italy, 613–618
 - Mediterranean (Eastern), 624
 - Portugal, 620
 - South Africa, 625
 - South America, 626
 - Spain, 619
 - United States, 627–631
- Menzies vineyard, Australia, 237
- mercaptans, 97
- Mercouri Estate, Greece, 537–538
- Mercrey appellation, France, 312, 326
- Meredith, Carole, 11
- Meritage Alliance, 135
- Meritage-style wines, 115, 134, 135, 174

- Merlot grapes, 35, 37–39, 69, 115, 117, 118, 119, 122, 134, 139, 142, 154, 177, 231, 289, 291, 293, 307–308, 310, 384, 515, 521
- Merlot wine, 113, 116, 140, 156, 191–192, 211, 223, 230, 289, 293, 308
- Merritt Island AVA, California, 180
- Merseguera grapes, 422
- Meseta wine region, Spain, 422, 424, 437–439
- Mesilla Valley AVA, New Mexico and Texas, 200 mesoclimate, 6
- Messenikola grapes, 536
- Messinia *Vin de Pays*, Greece, 538
- méthode champenoise* (Champagne method), 78, 80–84, 277, 284, 327
- méthode dioise ancestrale*, 338
- méthode Gaiillaçoise*, 310
- méthode rurale*, 311
- Methusaleh bottle, 680, 681, 691
- Meursault appellation, France, 312, 324
- mevushal* kosher wines, 545, 546
- Mexico, 37, 43, 202
- Meyer, Danny, 696
- Michael, Peter, 159–160
- Michele Chiarlo winery, 401
- Michigan AVAs, 189–190, 746
- microclimate, 6
- Middle Eastern wine regions. *See* Mediterranean (Eastern) wine regions
- Middle Rio Grande Valley AVA, New Mexico, 200
- Midwest (U.S.) wine regions, 189–190, 746
- Millbrook Vineyards, New York, 188, 189
- Miller, Jason, 723
- Mimbres AVA, New Mexico, 200
- mineral content of soil, 6, 7–8
- Minervois appellation, France, 343, 346
- Minho wine region, Portugal, 449, 465, 468–470
- Minnesota AVAs, 746
- Mission grapes, 202
- Mission San Juan Capistrano, California, 121–122
- Missouri AVAs, 746
- Mittelburgenland DAC, Austria, 511, 512
- Mittelrhein wine region, Germany, 500, 507
- moëlleux* (sweet) wines, 268, 271, 272
- Moët & Chandon, 283, 284, 285
- Moldova, 39, 520, 525
- Molette grapes, 331
- Molinara grapes, 407
- Molise wine region, Italy, 357, 360, 370, 379, 380, 382
- Monastrell grapes, 46, 421, 437
- Monbazillac appellation, 309
- Monção, 469
- Mondavi, Cesare, 123
- Mondavi, Peter, 123
- Mondavi, Robert, 24, 114, 123, 125, 126, 148, 181, 272
- Mondavi (Robert) Winery, California, 123, 125, 142, 212, 734
- Mondéjar DO, Spain, 423, 425
- Mondeuse grapes, 331
- Monemvasia grapes, 532
- monoterpene compounds, 54
- Montagne de Reims wine region, France, 278, 281
- Montagne-St-Émilion appellation, France, 288, 306–307
- Montagny appellation, France, 326–327
- Montana Winery, New Zealand, 244
- Montefalco Sagrantino wine, 364, 384
- Montepulciano d'Abruzzo Colline Teramane wine, 365, 381
- Montepulciano d'Abruzzo wine, 365, 380, 381
- Montepulciano grapes, 365, 382
- Monterey AVA, California, 130, 150, 168, 170–172
- Monterey County AVAs, California, 169, 170–172, 183, 747
- Monte Rosso Vineyard, California, 133, 153, 154
- Monterrei DO, Spain, 423, 424, 425
- Montes, Aurelio, 216, 218, 220
- Montevina Winery, California, 162
- MontGras winery, Chile, 216, 217
- Monthélie appellation, France, 324
- Monticello AVA, Virginia, 201
- Montilla-Moriles DO, Spain, 423, 424, 425, 444–445
- Mont La Salle Vineyards, California, 143
- Montlouis appellation, France, 266, 271
- Montrachet vineyard, France, 316, 324–325, 674
- Montravel appellation, France, 309
- Montsant DO, Spain, 424, 425, 435
- Monvedro grapes, 474, 476
- Morellino di Scansano wine, 47, 362, 385, 393
- Moreto grapes, 475
- Morey-St-Denis appellation, France, 312, 319, 321
- Morgado de Reguengo vineyard, Portugal, 479–480
- Morgon appellation, France, 329
- Moristel grapes, 421, 430
- Mornington Peninsula wine region, Australia, 232, 234
- Morocco, 527, 548, 595
- Morse, Barbara, 644
- Moscadello di Montalcino wine, 392
- Moscatel de Setúbal wine, 453, 474, 475, 485
- Moscatel grapes, 443, 453, 482
- Moscatel Roxo grapes, 475
- Moscatel Sherry, 443
- Moscato d'Asti wine, 366, 399, 405–406
- Moscato di Noto wine, 371
- Moscato di Pantelleria wine, 371
- Moscato di Scanzo wine, 364
- Moscato di Siracusa wine, 371
- Moscato grapes (Muscat), 31, 277, 338, 346, 349, 371, 405, 475, 532, 540, 543
- Moschofilero grapes, 531, 538
- Moschofilero wine, 538–539, 540
- Mosel-Saar-Ruwer wine region, Germany, 25
- Mosel wine region, Germany, 25, 492, 499, 500, 501–504
- Moueix, Christian, 148, 308
- Moueix family, 308
- Moulin-à-Vent appellation, France, 329
- Moulis appellation, France, 288, 304
- Mount Barker wine region, Australia, 239–240, 241
- Mount Benson wine region, Australia, 229, 232
- Mount Harlan AVA, California, 130, 172
- Mount Veeder AVA, California, 132, 143–145, 640
- Mourvèdre grapes, 42, 45, 46–47, 230, 338, 339, 340, 341, 344, 345, 346, 347, 421
- Mouton-Cadet wine, 289
- Mtsvani grapes, 524–525
- mugron* system, 208, 210
- Müller, Antoine, 80, 284
- Müller, Hermann, 31, 492
- Müller-Thurgau grapes, 31–32, 410, 412, 422, 502, 504
- multivintage wines, 54
- Munskgard, Dave, 158
- Murcia wine region, Spain, 423, 424, 425
- Murietta's Well winery, 170, 174
- Murphy, Sean, 669
- Murray Darling wine region, Australia, 231, 232, 234
- Muscadelle grapes, 33, 291
- Muscadet grapes (Melon de Bourgogne), 32, 266–267, 313
- Muscadet wine, 62, 91, 267, 559
- Muscardin grapes, 341
- Muscat appellation, France, 346
- Muscat de Cap Corse appellation, France, 349
- Muscat grapes (Moscato), 31, 277, 338, 346, 349, 371, 405, 475, 532, 540, 543
- Muscat Lunel grapes, 521
- Musigny vineyard, France, 319
- Muskotály grapes, 521, 522
- must, 57
- N**
- Nagyréde winery, Hungary, 522
- Nahe wine region, Germany, 500, 507
- naming systems. *See* appellation systems
- Nantes wine region, France, 266–267
- Naoussa AOC, Greece, 533, 534–535
- Naoussa wine, 534
- Napanook vineyard, California, 148
- Napa Valley AVA, California, 183, 747
- AVA status, 120–121
- boundaries of, 130, 131
- climatic zones, 133
- historical background, 122, 125, 126
- in London/Napa wine tasting (2006), 136–137
- map of, 132
- Meritage-style wines of, 134
- in Paris tasting (1976), 136
- phylloxera in, 10–11, 124, 150
- Pierce's Disease in, 178
- production of, 131
- replanting program in, 150
- reputation of wines, 133–134
- soils of, 131, 133
- subappellations of, 121, 129, 138–149, 151
- and wine labels, 117
- Nashik wine region, India, 550, 551
- National Cancer Institute, 642
- Navarra DO, Spain, 423, 424, 425, 430–431
- Navarro Vineyards, California, 165
- Nebbiolo d'Alba wine, 402
- Nebbiolo grapes, 47, 118, 363, 364, 395, 397, 400, 401, 402
- Nederberg Estate, South Africa, 251
- négociants*, 289, 294, 300, 313, 314
- négociants-manipulants*, 285
- Negoska grapes, 535
- Negra Mole grapes, 476, 482
- Négrette grapes, 310
- Negroamaro grapes, 49, 377
- Nelson wine region, New Zealand, 244
- Nemea AOC, Greece, 533, 539
- Nero d'Avola grapes, 49, 365, 371, 373, 374
- Neuchâtel wine region, Switzerland, 514, 517
- Neuquén wine region, Argentina, 222

- Nevada County AVAs, California, 179, 183, 747
 New England food/wine menu, 627
 New Jersey AVAs, 746
 New Mexico AVAs, 37, 200, 746
 New York State
 clonal variation in, 12
 grape growing in, 185–186
 grape varieties in, 22, 26, 28, 33, 37, 38, 41, 46
 map of, 186
 wine regions in, 186–189, 746
 New Zealand, 119, 241–245
 grape varieties in, 22, 23, 24, 29, 30, 32, 37, 38, 39, 41–42, 242
 wine laws of, 242
 wine regions of, 242–245
 Niagara Escarpment AVA, New York, 186
 Niagara Peninsula DVA, Ontario, 22, 26, 203–204
 Nichelini winery, California, 147
 Nicholas, Jean, 693
 Niebaum, Gustave, 123
 Niederösterreich wine region, Austria, 510–511
 Nielluccio grapes, 348, 349
 Niepoort, Dirk, 459–460, 474
 Noiret grapes, 12
 nonvintage wines, 54, 285
 North America
 origins of grape growing in, 9
 See also Canada; United States
 North Carolina AVAs, 201, 746
 North Coast AVAs, California, 129–168, 178, 747
 Northeast (U.S.) food/wine menu, 627
 Northeast (U.S.) wine regions, 185–189, 746
 Northern Neck George Washington Birthplace AVA, Virginia, 201
 Northern Sonoma AVA, California, 151, 152, 155
 North Fork of Long Island AVA, New York, 186, 189
 North Fork of Roanoke AVA, Virginia, 201
 Northwestern states wine regions (U.S.). *See also* Oregon; Washington State
 Idaho, 198, 746
 Nuits-St-Georges appellation, France, 312, 321–322
- O**
 oak barrels, 20, 35, 70–72, 314, 317, 333, 340, 344, 345, 390, 419, 489–490
 Oak Knoll District AVA, California, 132, 151
 oak taste, 100
 Oakville AVA, California, 132, 146–147
 Öchsle scale, 55
 Ode Panos wine, 538
oenos epitrapezios, 529
 Ohio AVAs, 746
 oidium (powdery mildew), 353
 Okanagan Valley DVA, British Columbia, 22, 26, 28, 204, 205
 Oklahoma AVAs, 746
 Olaszrizling grapes, 521
 Olazabal, Vito, 467
 Old, Marnie, 663
 Old Mission AVA, Michigan, 190
 Old-ways Preservation and Exchange Trust, 635
 Oliveira da Silva, José Luis, 476
oloroso wines, 440, 443, 444
 Olson, Steven, 697
 Oltrepò Pavese Spumante Metodo Classico wine, 366, 397
 Oltrepò Pavese wine region, Italy, 366, 395, 397
- onomasias proelefseos anoteris poiititas* (OPAP), 529
onomasias proelefseos eleghomeni (OPE), 529
 Ontario wine regions, Canada, 22, 26, 203–204
 Ophthalmol grapes, 543
 Optima grapes, 502
 Opus One wine, 125, 126, 135, 148, 735
 Orange wine region, Australia, 22, 232
 Ordóñez, Jorge, 445
 Oregon, 194–198
 grape varieties in, 12, 22, 28, 29, 37, 41, 194, 195–196
 map of, 192
 phylloxera in, 10, 194
 viticulture in, 15, 16, 17, 194
 wine laws of, 117
 wine regions of, 192, 196–198, 746
 Oreno wine, 356
 organic agricultural practices, 15–17
 organic wine making, 16
 organoleptical response to wine, 87
 Orléans appellation, France, 266, 273
 Orléans-Cléry appellation, France, 266, 273
 Ornellaia wine, 520
 Orvieto wines, 358, 378, 383, 384
 Otsuka, Akahiko, 125
 Overberg District, South Africa, 249, 252
 Owl Hill Vineyard, California, 159
 oxidation, 55, 58, 72, 91, 687
 oxygen, in winemaking process, 57–58
- P**
 Paarl wine region, South Africa, 249, 251
 Pacherenc du Vic-Bihl appellation, France, 310–311
 Paderewski, Ignace, 175
 Padthaway wine region, Australia, 232, 238
pago wines (*vinos de calidad*), 418
 Pais grapes, 211, 217
palacio, 456
 Palacios, Alvaro, 435
palaiomenos (palaiose) se vareli (aged in barrel), 529
 Palette appellation, France, 343, 347
 Palivos, George, 539
 Palmela DOC, Portugal, 449, 474–475
 Palo Cortado Sherry, 443
 Palomino Fino grapes (Listán), 33, 422, 426, 440, 442, 445
 Panceri winery, Brazil, 223
 Pangeon *Vin de Pays*, Greece, 536
 Papaioannou, George and Thanassis, 539
 Pardina grapes, 422
 Parellada grapes, 33, 420, 422
 Parés Baltà winery, Spain, 433–434
 Paris bistro menu, 610
 Paris wine tasting (1976), 126, 136
 Parker, Robert, Jr., 676–677
 Park-Muscadine vineyard, California, 140
 Paros OPAP, Greece, 532, 533
 Parr, Rajat, 674, 714
 Parraleta grapes, 421
 par stock, 687–688
 Paso Robles AVA, California, 130, 169, 174, 175–176
 Pasqua wine producer, Italy, 377
passito, 364, 371
 pasta/wine pairing, 570, 573, 575, 577–581, 583–586, 588–590
- Pasteur, Louis, 78
 pasteurization, *mevushal* process of, 545, 546
 Pastrana, Carlos, 435
patamares system, 458
 Pato, Filipa, 471, 472
 Pato, Luis, 470–471, 472
 Patras AOC, Greece, 533, 540
 Patrimoine appellation, France, 349
 Patz & Hall winery, California, 144
 Pauillac appellation, France, 288, 302–303
 Paul Masson, California, 170
 Pauly, Peter, 501
 Pavlidis winery, Greece, 536
 Pays d’Oc IGP, 264
 Peachy Canyon Winery, California, 175, 176
 Pécharmant appellation, France, 309
 Pedernã grapes (Arinto), 32, 452, 473, 475, 477, 479
 PDO (protected designation of origin), 257
 Pedro Ximénez grapes, 422, 443, 444
 Pedro Ximénez Sherry, 443
 Pelee Island DVA, Ontario, 204
 Peloponnese wine region, Greece, 533, 537–540
 Penedès DO, Spain, 36, 424, 432, 433–434
 Penfolds wine company, Australia, 225–226, 525
 Peninsula de Setúbal wine region, Portugal, 474
 Pennsylvania AVAs, 746
 Pepi, Robert, 162
 Perez, Jose Luis, 435
 Perez, Ricardo, 427
 Periquita wine, 474
perlage, 87, 94, 651, 664
 Pernand-Vergelesse appellation, France, 322
 Perrin family, 176
 Pesquera wine, 428
 Pessac-Léognan appellation, France, 23, 36, 288, 296, 305
 pest management, integrated, 15, 16
 Peterson-Mondavi, Holly, 98
pétillant quality, 62
 Petite Arvine grapes, 33
 Petite Sirah grapes, 49, 119, 161
 Petit Manseng grapes, 309, 311, 345
 Petit Verdot grapes, 49, 292, 303
 Peynaud, Emile, 390, 535
 Peza OPAP, Greece, 532, 533
 Pfalz wine region, Germany, 25, 27, 500, 504–505
 Pharaoh Moans winery, 175
 Phelps (Joseph) winery, California, 125
 Philip, Virginia, 666–667
 Philip the Bold, 46
 Phillip, Sinclair, 693
 Phillips (R. H.) winery, California, 180–181
 pH level
 of grapes, 54–55
 of soil, 7, 280
 of wine, 7–8
 Phoenicians, 352
 photosynthesis, 14, 17, 55
 phylloxera, 208, 210
 in Australia, 227, 233
 in California, 10–11, 124, 150, 170–171
 in Eastern Europe, 519
 in France, 9–10
 and grafting, 10–11
 in Greece, 532–533, 541
 in Italy, 353, 391
 in New Zealand, 242
 in Oregon, 10, 194

- in Portugal, 466, 476, 484
 - in Spain, 439
 - transmission to Europe, 9–10
 - phylloxera-resistant rootstock, 10–11
 - physiochemical aging (Sherry), 440
 - Physiology of Taste, The* (Brillat-Savarin), 99
 - Picardan grapes, 341
 - Piccadilly Valley wine region, Australia, 236
 - picking grapes, 55–56, 282, 298, 309
 - Picolit grapes, 367
 - Picolit wine, 409, 410
 - Picos liquor wine, 481
 - Picpoul grapes, 341
 - Piedmont wine region, Italy, 359, 370, 396, 398
 - food/wine pairing, 617
 - red wines, 363–364
 - white/sparkling wines, 366
 - wine zones of, 397–406
 - Pierce's Disease, 173, 177, 178, 179, 201
 - La Pietra wine, 356
 - Pigneron grapes, 348
 - Pignolo grapes, 410
 - Pinotage grapes, 48, 247, 248
 - Pinot Beurot (Pinot Gris) grapes, 313
 - Pinot Blanc grapes (Pinot Bianco), 30, 277, 411, 412, 492, 510
 - Pinot Grigio wine, 409, 410–411, 413
 - Pinot Gris grapes (Pinot Grigio), 11, 28–29, 53, 119, 196, 229, 273, 277, 492, 510
 - Pinot Meunier grapes, 41, 46, 47, 53, 281, 284
 - Pinot Nero grapes, 41, 366, 373, 410
 - Pinot Noir grapes, 11, 12, 19, 28, 39–42, 53, 113, 119, 139, 154, 176–177, 242, 273, 281, 282, 284, 313, 318, 323, 326, 492, 514
 - Pinot Noir wine, 65, 92, 116, 126, 147, 157, 158, 176, 195, 196, 231, 245, 311, 320
 - Pipers Brook winery, Australia, 229, 235
 - Pitsilia AOC, Cyprus, 543, 544
 - Pla de Bages DO, Spain, 424, 425, 436
 - place names, on wine labels, 117–118, 227, 228, 242, 247, 257, 265, 356–357, 367, 368, 498, 528–529, 723
 - Placer County AVAs, California, 179, 183, 747
 - plafond limité de classement* (PLC), 262, 318
 - Planeta, Diego, 371, 375
 - Planeta wineries, Italy, 374
 - pneumatic press, 58, 59
 - point-of-sale (POS) systems, 688
 - Pomerol appellation, France, 288, 290, 291, 292, 295, 306, 307–308
 - Poniatowski, Anne, 347
 - Pope Valley AVA, California, 147
 - Portet, Bernard, 142
 - Porto and Douro DOC, Portugal, 449
 - Porto wine, 450, 456
 - color of, 92
 - food/wine pairing, 591
 - history of, 466–467
 - labeling, 745
 - producers of, 465
 - production of, 77–78, 459, 460–461, 466
 - servings, 465, 666
 - styles of, 461–465
 - Portugal, 447–485
 - appellation system in, 257, 453–455
 - food/wine pairing, 447, 460, 465, 470, 473, 594–595, 620
 - grape varieties in, 22, 31, 32, 36, 48, 450–453, 473, 482
 - history of winemaking, 466–467, 484
 - phylloxera in, 466, 476, 484
 - viticulture in, 447, 458, 478
 - wine consumption in, 113, 450
 - wine labels in, 450, 453–456, 462, 744, 745
 - wine laws of, 257, 454–455, 458–459, 462, 466, 467, 472, 473, 483
 - wine regions of, 456–485
 - Alentejano, 478–480
 - Algarve, 480
 - Azores, 481
 - Beiras, 470–474
 - Douro, 456–465, 466–467
 - Lisboa, 476–477
 - Madeira, 481–485
 - map of, 449
 - Minho, 465, 468–470
 - Ribatejo, 477–478
 - Terras do Sado, 474–475
 - wine trade in, 448, 450, 484
 - Portugieser grapes, 504
 - Potter Valley AVA, California, 130, 163, 165
 - Pouilly-Fuissé appellation, France, 312, 327, 674
 - Pouilly-Fumé appellation, France, 266, 272
 - Pouilly-sur-Loire appellation, France, 272
 - Poulsard grapes, 330
 - poultry/wine pairing, 569, 570, 572, 573, 575, 577–581, 583–589
 - pouring wine, 649, 658, 660
 - pourriture noble* (*Botrytis cinerea*), 268, 276
 - power of wine, 559–563
 - Prädikatswein* wines, 257, 495–496, 497, 508–509, 741, 742, 743
 - Pratt, Phillip M., 669
 - pregnancy, alcohol consumption during, 643–644
 - premier cru* vineyards, 265
 - in Bordeaux, 295, 299, 301–302, 303, 306, 307
 - in Burgundy, 315–316, 317, 319, 320, 321–322, 323–327
 - in Champagne, 280
 - Pressac grapes, 48
 - pressing, 57–60, 63, 282
 - press wine, 66, 461
 - Prestige Cuvée, 286
 - pricing
 - sliding scale, 710
 - and wine cellar investment, 673–675
 - of wine list, 698, 705–713
 - Pride Mountain winery, California, 145–146
 - Prieto Picudo grapes, 421
 - Primitivo grapes, 44, 45, 49, 377
 - Primus wine, 212
 - Prince Edward County DVA, Ontario, 204
 - Priorato DOC/Priorat DOQ, Spain, 36, 45, 419, 424, 425, 434–435
 - ProCork, 659
 - procyanidin, 634, 640
 - Produttori del Barbaresco, 402
 - Prohibition, 109, 114, 121, 124, 633–634
 - proprietary labels, 115, 294, 367, 368, 528, 735
 - Prosecco grapes, 33, 366–367
 - Prosecco wine, 367, 406, 408–409, 559
 - protected designation of origin (PDO), 257
 - Provence wine region, France, 261, 343, 346–348, 608
 - Prugnolo Gentile grape, 392
 - pruning, 17–18, 19
 - Puente Alto wine region, Chile, 208
 - Puerto Rican food/wine pairing, 596
 - Puget Sound AVA, Washington State, 192, 194
 - Puglia. *See* Apulia wine region
 - Puisseguin-St-Émilion appellation, France, 288, 306
 - Puligny-Montrachet appellation, France, 312, 324–325
 - pupitres*, 83
 - purchasing wine
 - at auction, 678–679, 680–681
 - futures price, 680, 705
 - guidelines for, 676–681
 - on Internet, 128, 680–681
 - reorders, 688–689
 - pyrgos* (château), 530
- ## Q
- Qualitätswein* wines, 257, 494, 497, 498, 502, 508, 740
 - quality, criteria of, 5
 - quartino, 657
 - Quarts de Chaume appellation, France, 265, 266, 269
 - quercetin, 636, 639, 640
 - Quincy appellation, France, 266, 273
 - quinta* (estate), 448
 - Quinta da Alorna, Portugal, 477
 - Quinta da Aveleda, Portugal, 469, 472
 - Quinta da Bacalhó, Portugal, 475
 - Quinta da Bageiras, Portugal, 472
 - Quinta do Crasto, Portugal, 457, 459, 479
 - Quinta da Gaiçosa, Portugal, 458
 - Quinta do Monte d'Oiro, Portugal, 476–477
 - Quinta do Noval, Portugal, 462
 - Quinta da Pellada, Portugal, 474
 - Quinta do Raposa, Portugal, 458
 - Quinta dos Roques, Portugal, 473
 - Quinta do Vale do Dona Maria, Portugal, 460
 - Quinta do Vale do Meão, Portugal, 454, 460
 - Quinta do Vallado, Portugal, 460
 - Quinta do Vesúvio, Portugal, 461
- ## R
- Rabigato grapes, 453, 460, 472
 - Rabo de Ovelha grapes, 475, 476
 - racking method of clarification, 72–73
 - radio frequency identification (RFID) system, 692
 - Rainwater Madeira, 484, 485
 - raisinated grapes, 74
 - Rallo family, 374
 - Ramandolo wine, 367, 409
 - Ramisco grapes, 452
 - Ramnista wine, 534
 - Ramos, João Portugal, 478, 479
 - Rancho San Ignacio, California, 175
 - rancio*, 419, 420, 436
 - Rapel Valley wine region, Chile, 209, 217
 - Rapsani AOC, Greece, 533, 536–537
 - Rasteau appellation, France, 332, 340
 - Ratti, Pietro, 400, 401
 - Ratti, Renato, 401
 - Rattlesnake Hills AVA, Washington State, 192, 193
 - Raventós, Don Manuel, 436
 - Raventós, Josép, 425
 - Ray, Martin, 125
 - recently disgorged (RD), 286

- Recioto di Gambellara wine, 367
 Recioto di Soave wine, 366, 407
 Recioto della Valpolicella wine, 364–365, 407
récoltant-manipulant, 285
 Red Hill Douglas County AVA, Oregon, 192, 197
 Red Hills Lake County AVA, California, 163, 167
 Red Mountain AVA, Washington State, 192, 193
 Red Willow Vineyard, Washington State, 193
 red wine
 aging, 70–71, 72
 color of, 65, 68, 91, 92, 93, 650
 consumption of, 113
 food/wine pairing, 566–567, 572–574, 583–587, 599
 grape varieties, 9, 12, 34–49, 291–292
 health benefits of, 634, 636, 637–638, 639–641
 in London/Napa tasting (2006), 136–137
 Meritage-style, 135
 off-the-beaten-path, 677, 697, 698, 702, 710
 in Paris tasting (1976), 136
 power chart, 562–563
 production of, 63–67, 314
 serving temperature, 90, 650
 tannins in, 20, 65, 99
 with ullage, 657–658
 varietal labels, 116–117
 for wine cellar, 677, 690, 691
Red Wine Diet, The (Corder), 640
 Redwood Valley AVA, California, 130, 163, 165, 166
 refrigeration method of clarification, 73
 Regaleali wine producer, Italy, 373
 Régnié appellation, France, 329–330
 regulations. *See* wine laws
 Rehoboam bottle, 680, 681, 691
rémuage (riddling), 79, 81, 83–84, 283, 284
 Renaud, Serge, 636–637, 638
 replanting program, 13–14
reserva wine, 419, 420, 431, 455, 473, 484, 743
 reserve bin, 227
 reserve wines, 116, 191, 454, 529, 734
 resveratrol, 636, 639, 640
 Retsina wine, 538
 Reuilly appellation, France, 266, 273
 RFID (radio frequency identification) system, 692
 Rheingau wine region, Germany, 25, 500, 504, 505
 Rheinhessen wine region, Germany, 25, 500, 505–507
 Rhinefarm Vineyard, California, 153
 Rhine wine, 115
 Rhodes AOC, Greece, 533, 540
 Rhone Ranger (Rhône-style) wine, 150, 161, 173, 176, 213
 Rhône Valley wine region, France, 42, 261, 332–342, 608
 Rías Baixas DO, Spain, 423, 424, 425, 426
 Rias Baixas wine, 426
 Ribatejo wine region, Portugal, 449, 477–478
 Ribbon Ridge AVA, Oregon, 192, 197
 Ribeira Sacra DO, Spain, 423, 425, 427
 Ribeiro DO, Spain, 423, 424, 425, 426
 Ribera del Duero DO, Spain, 92, 102, 423, 424, 428–429
 Ribera del Guadiana DO, Spain, 423, 425, 439
 Ribolla Gialla grape, 410
 Richebourg vineyard, France, 320
 riddling (*rémuage*), 79, 81, 83–84, 283, 284
 Ridge Monte Bello wine, 137, 173
 Ridge Vineyards, California, 44, 137, 140, 173
 Riesling grapes, 20, 25–26, 54, 76, 118, 119, 151, 276, 491–492, 501, 502, 504, 506, 509
 Riesling Italic grape, 410
 Riesling wine, 25–26, 61, 74, 92, 113, 116, 145, 229, 245, 489, 559
 labels, 740–743
 Riesling x Sylvaner grapes, 514
 Rio Grande do Sul wine region, Brazil, 223–224
 Rioja DOC, Spain, 419, 423, 424, 425, 431–432, 743
 Rio Negro wine region, Argentina, 209, 222
 ripeness, 19–20, 54, 118
 Riunite Lambrusco wine, 380
 Riverside County AVAs, California, 177, 178, 179, 183, 747
 Rivesaltes appellation, France, 344
 Rkatsiteli grapes, 33, 187, 524, 525
 Robert Mondavi Winery, California, 123, 125, 142, 212, 734
 Roberto Anselmi winery, 407
 Robertson wine region, South Africa, 249
roble, 419
 Robola grapes, 532
 Los Rocas de San Angelo wine, 430
 Rockpile AVA, California, 151, 152, 159
 Rocky Knob AVA, Virginia, 201
 rocky soils, 6, 7, 8, 11
 Roditis grapes, 532, 538
 Rodriguez, Angel, 429
 Roederer (Louis) company, 235
 Roederer Estate, California, 165
 Roero wine, 363, 366, 397, 399
 Rogue Valley AVA, Oregon, 192, 198
 Rolle grapes, 348
 Romanée-Conti vineyard, France, 320
 La Romanée vineyard, France, 320
 Romanée-St-Vivant vineyard, France, 320
 Romania, 36, 39, 112, 520, 523–524
 Rome, ancient, 9, 352, 353, 378
 Rome food/wine menu, 613
 Romorantin grapes, 271
 Rondinella grapes, 407
 rootstocks, 7, 10–11
 Rosas, José António, 466
 rosé Champagne, 286
 Rosé d'Anjou, 268
 Rosé de la Loire, 268
 Rosengarten, David, 662
 rosé Porto, 465
 Rosette wine region, 309
 rosé wine, 268
 color of, 91, 92, 96, 286
 food/wine pairing, 575–576, 588
 power chart, 562
 production of, 67, 81, 286
 serving temperature, 649, 650
 for wine cellar, 690, 691
 Rosso del Conte wine, 373
 Rosso di Montalcino wine, 392, 675
 Rosso Piceno wine, 382
 Rotgipfler grapes, 510
 Rothschild, Edmond de, 544
 Rothschild, Philippe de, 126, 148, 303
 rotofermenter, 63–64
 Roupeiro grapes, 453, 475
 Roussanne grapes, 32, 333, 335, 336, 337, 342
 Roussette grapes, 331
 Roussillon wine region, France, 36, 43, 261, 343–344
 Roxo grapes, 475
 Rubesco vineyard, Italy, 384
 Rubicon Estate, California, 69, 123, 125, 146
 ruby/ruby reserve Porto, 462, 465
 Ruché grapes, 404–405
 Rueda DO, Spain, 423, 424, 427–428, 429
 Rufete grapes, 421, 452, 473, 476
 Rully appellation, France, 326
 Russia, 33, 112, 520, 525
 Russian River Valley AVA, California, 130, 151, 152, 156–157
 Rustenberg Estate, South Africa, 69, 250
 Rutherford AVA, California, 132, 146–147
 Rutherglen wine region, Australia, 232, 234
 Ruwer wine region, Germany, 502, 503
 Ryman, Hugh, 218
- S**
 Saale-Unstrut wine region, Germany, 500, 508
 Saar wine region, Germany, 502, 503
Saccharomyces cerevisiae, 51, 57
 Sachsen wine region, Germany, 500, 508
 Sacramento County AVAs, California, 181–182, 183, 747
 Safer, Morley, 637–638
 Sagrantino grapes, 49, 364, 384
 Sagrantino di Montefalco wine, 364, 384
saignage, 292, 314, 340
 St-Amour appellation, France, 329
 St-Aubin appellation, France, 325
 St-Chinian appellation, France, 343, 346
 Sainte-Croix-du-Mont appellation, France, 288, 293, 299
 St-Émilion appellation, France, 290, 291, 292, 295, 305–307
 St-Estèphe appellation, France, 288, 302
 Sainte-Foy-Bordeaux appellation, France, 288, 300
 Ste. Genevieve wines, 200
 Saint George grapes, 530
 St. George rootstock, 11
 St-Georges-St-Émilion appellation, France, 288, 306
 St. Helena AVA, California, 132, 149
 St-Joseph appellation, France, 332, 335–336
 St-Julien appellation, France, 288, 303
 Ste. Michelle Estates, Washington State, 143
 St-Mont appellation, France, 311
 Saint-Nicolas-de-Bourgueil appellation, France, 271
 St-Péray appellation, France, 332, 337–338
 St-Pourçain appellation, France, 273
 Sainsbury winery, California, 117
 St-Véran appellation, France, 327, 674–675
 salad/wine pairing, 577, 578, 580, 581, 588
 Salentein winery, Argentina, 221
 Salice Salentino wine, 377
 Les Salins du Midi wine producers, France, 345
 Salmanazar bottle, 680, 681, 691
 Salta wine region, Argentina, 222
 salty food/wine pairing, 603–604
 Samos AOC, Greece, 533, 540
 Samso grapes, 421
 San Antonio Valley wine region, Chile, 209, 216
 San Benito County AVAs, California, 168, 169, 172, 183, 747

- San Bernabe AVA, California, 172
- San Bernardino County AVAs, 177, 179, 183, 747
- Sancerre appellation, France, 24, 99, 266, 272–273
- San Diego County AVAs, California, 177, 179, 183, 747
- sandstone soil, 7
- Sanel Valley, California, 164
- Sanford & Benedict vineyard, California, 177
- San Francisco Bay AVA, California, 168, 169, 170, 174
- San Francisco County AVAs, 183, 747
- Sangiovese di Romagna wine, 380
- Sangiovese grapes, 35, 36, 39, 47, 119, 126, 162, 200, 362, 378, 380, 384, 385–386, 387, 390, 392, 393
- Sangiovese di Toscana wine, 390
- Sangiovese Grosso grapes, 391
- San Joaquin County wine region, California, 181, 183, 747
- San Juan wine region, Argentina, 209, 222
- San Lucas AVA, California, 130, 169, 172
- San Luis Obispo County AVAs, California, 168, 169, 170, 174–176, 183, 747
- San Mateo County AVAs, California, 168, 169, 170, 183, 747
- San Pasqual Valley AVA, California, 130, 179
- Santa Barbara County AVAs, California, 168, 169, 170, 176–177, 183, 747
- Santa Clara County AVAs, California, 168, 169, 170, 183, 747
- Santa Clara Valley AVA, 130, 153, 169
- Santa Cruz County AVAs, California, 168, 169, 170, 183, 747
- Santa Cruz Mountains AVA, California, 130, 169, 172–173
- Santa Lucia Highlands AVA, California, 130, 169, 172
- Santa Maddalena wine, 412–413
- Santa Maria Valley AVA, California, 130, 169, 176
- Santa Rita Hills AVA, California, 176, 177
- Santa Rita winery, Chile, 217, 218
- Santa Ynez Valley AVA, California, 130, 169, 176–177
- Santenay appellation, France, 325–326
- Santorini AOC, Greece, 531, 533, 541–542
- San Ysidro District AVA, California, 169
- São Francisco Valley wine region, Brazil, 224
- Saperavi grapes, 525
- Saracco, Paolo, 406
- Sardinia wine region, Italy, 34, 36, 46, 49, 357, 361, 367, 370, 372, 375–376, 640
- Sasella wine, 364, 395
- Sassicaia wine, 356, 390, 391
- saucers/wine pairing, 558, 560, 577–588, 590
- Saumur Blanc appellation, France, 269
- Saumur-Champigny wine, 270
- Saumur Mousseux appellation, France, 270
- Saumur wine region, France, 266, 269–270
- Saussignac wine, 309
- Sauternes appellation, France, 24, 288, 295, 297, 298–299
- Sauternes wine, 24, 31, 62, 73, 297–298
- Sauterne wine (U.S.), 115
- Sauvignon Blanc grapes, 11, 23–24, 76, 115, 119, 142, 158, 177, 214, 229, 242, 270, 271, 272, 290–291, 293
- Sauvignon Blanc wine, 23, 92, 94, 113, 116, 158, 243, 244, 252, 271, 273
- Sauvignon Vert grapes, 410
- Savagnin grapes, 330, 331
- Savatiano grapes, 532, 538
- Savennières appellation, France, 266, 268–269
- Savigny-Lès-Beaune appellation, France, 323
- Savoie wine region, France, 330, 331
- Sbragia, Ed, 140, 142
- Scharffenberger winery, California, 165
- Scharzhof vineyards, Germany, 498
- Scheurebe grapes, 33
- Schiava grapes (Vernatsch), 412
- Schilfwein* wines, 509
- Schiopetto, Mario, 409
- Schioppettino grapes, 410
- schist soil, 7, 268, 274, 457–458, 478, 536
- Schloss Johannisberg, Germany, 488, 498, 504, 505
- Schloss Vollrads, Germany, 498, 504
- Schönbrunn, Theresa von, 477
- Schram, Jacob, 123
- Schramsberg winery, California, 123, 125
- Schubert, Max, 235
- Sciacarello grapes, 348
- screwcaps, 649, 658, 659, 683
- Scuppernong Muscadine, 201
- seafood/wine pairing, 569, 572, 575, 577–584, 588–591, 700
- seasonality, and food/wine pairing, 604, 606
- Sebastiani winery, California, 151
- sec* (dry), 84, 268, 285
- seco* Cava wine, 420
- sec-tendre* (off-dry), 268
- sediment, 658, 664
- Seibel grapes, 242
- Sekt sparkling wine, 489
- Selbach, Johannes, 501
- sélection de grains nobles* (selection of noble grapes), 26, 27, 276
- Semeli winery, Greece, 537, 539
- semiblind tasting, 102
- semidulce* Cava wine, 420
- Sémillon grapes, 23, 24, 31, 76, 115, 229, 290, 293, 481
- Sémillon wine, 229, 231
- semiseco* Cava wine, 420
- Seña wine, 212
- Seneca Lake AVA, New York, 186, 187–188
- Sercial grapes, 33, 453, 482
- service. *See* wine service
- serving temperature, 90, 649, 650–651
- Setúbal (Moscatel) DOC, Portugal, 449, 475
- Seven Hills Vineyard, Oregon, 198
- Severini, Teresa, 384
- Sèvre et Maine appellation, France, 267
- Seyssel appellation, France, 331
- Seyval grapes, 12
- Sforzato (Sfurzat) di Valtellina wine, 364
- Shadow Canyon winery, California, 174
- Shafer, John, 142
- Shafer Vineyards, California, 142
- shale soil, 7, 8
- Shenandoah Valley AVA, California, 130, 179
- Shenandoah Valley AVA, Virginia, 201
- Sherry wine, 62, 77–78, 96, 439
- color of, 92, 440
- food/wine pairing, 442–443, 591
- labeling, 744
- production of, 78, 440–441
- serving, 666, 669
- styles of, 442–444
- wineries, 444–445
- Shiraz grapes (Syrah), 35, 37, 42–43, 113, 119, 139–140, 228, 229, 230, 235, 236–237, 247, 333, 335, 337, 338, 339, 341, 344, 346, 347
- Shiraz wine, 102, 230, 233, 252
- Shufer, Jane, 641
- Sichel, Peter M. F., 88
- Sicily wine region, Italy, 357, 361, 369, 370, 371–375
- food/wine pairing, 618
- wine zones of, 365, 373–375
- Sideways*, 116, 126, 176
- Sierra Foothills AVA, California, 179, 180, 183, 747
- Sierra Madre Vineyard, California, 177
- Sigalas, Paris, 541, 542
- Sigalas winery, Greece, 541
- Siklós wine region, Hungary, 522
- Silvaner grapes, 492
- Silverado Vineyards, California, 142
- Simes, John, 205
- Simi Winery, California, 124
- Simonetti, Jennifer, 661, 720
- single-*quinta* wines, 462
- Sinskey, Robert, 139, 140
- Sinskey (Robert) Vineyards, California, 140
- Sin Zin wine, 156
- Siskiyou County AVAs, California, 183, 747
- Sisseck, Peter, 428
- Sitia AOC, Greece, 533, 541
- Skouras, Georges, 539
- Sky Vineyards, California, 144
- slate soil, 7, 8, 416, 434, 499, 506
- Slovenia, 113
- Smart-Dyson trellising system, 478, 479
- smell, sense of, 98
- smell of wine, 94–97, 650, 662
- Smith & Hooper winery, Australia, 238
- Smith-Madrone Winery, California, 145
- Snake River Valley AVA, Idaho/Oregon, 183, 198
- Snipes Mountain AVA, Washington State, 192, 193
- Soave Classico wine, 406, 407
- Soave Superiore wine, 366, 406–407
- Soave wine, 406–407
- sobretabla*, 440
- Sogrape winery, Portugal, 460, 470
- soil for grape growing, 6–8
- albariza*, 416, 440
- alluvial, 7
- and biodynamic practices, 16
- calcareous, 7
- chalk, 7, 27, 175, 271, 279, 280, 281, 322, 323, 327, 336, 416, 440
- clay, 7, 131, 139, 167, 175, 180, 272, 273, 303, 322, 327, 340
- drainage of, 8
- fertility of, 6, 7
- flint, 271, 272
- gabbro, 267
- granite, 7, 42, 274, 335, 336, 468, 478
- gravel, 7, 8, 270, 289, 290, 299, 304, 308, 323
- heat retention of, 8
- iron deposits in, 196
- jory, 7
- Kimmeridgian, 282, 316
- limestone, 7, 27, 40, 200, 271, 273, 274, 303, 305, 312, 318, 327, 339, 340, 347, 385

- loam, 7
marl, 7, 308, 318, 325, 327, 340
mineral content of, 6, 7–8
and organic practices, 15
pH level, 7, 280
sandstone, 7
schist, 7, 268, 274, 457–458, 478, 536
shale, 7, 8
slate, 7, 8, 416, 434, 499, 506
terra rossa, 238
and trellis system, 14
types of, 7
volcanic, 7, 131, 133, 159, 196, 197, 271, 377
- Solaia wine, 390
- Solano County AVAs, California, 130, 147, 168, 183, 747
- solar, 456
- solera* system, 373, 441, 444, 445, 484
- sommelier, 651, 652, 654, 655, 662
- Somontano DO, Spain, 423, 424, 425, 430
- Sonoma Coast AVA, California, 130, 151, 152, 160, 162
- Sonoma County AVAs, California, 151–162, 183, 747
appellations/subappellations of, 121, 153–162
climatic patterns in, 153
historical background, 124
phylloxera in, 150
replanting program, 150
- Sonoma Mountain AVA, California, 151, 152, 154
- Sonoma Valley AVA, California, 130, 152, 153–154
- soups/wine pairing, 577–591, 604, 669
- Sousão grapes, 452
- South Africa, 112, 114, 119, 245–252
food/wine pairing, 625
grape varieties in, 22, 23, 24, 30, 37, 38, 43, 48, 247
wine laws in, 247–248
wine regions of, 248–252
- South America
food/wine pairing, 595, 626
grape varieties in, 22, 24
wine regions of, 208–224
Brazil, 11, 207, 223–224
Uruguay, 207, 224
See also Argentina; Chile
- South Australia wine region, 235–238
- South Coast AVA, California, 177, 178, 179
- Southeast (U.S.) wine regions, 201–202, 746
- Southern Oregon AVA, 192, 197
- Southwest (U.S.) food/wine menu, 628
- Southwest (U.S.) wine regions, 199–201, 746
- Spadafora winery, Italy, 374
- Spain, 415–445
appellation system in, 257, 417–419
food/wine pairing, 429, 442–443, 595, 619
grape varieties in, 22, 32, 33, 36, 43, 45, 46, 47, 48, 49, 415, 420–422
phylloxera in, 439
soil type in, 8, 416
viticulture in, 416
wine consumption in, 112, 113, 416, 638
wine labels in, 418–420, 434, 743, 744
wine laws of, 257, 417–420
wine production in, 415
wine regions of, 422–445
Andalucía, 422, 424, 425, 439–445
Catalonia, 425, 432–436
Duero River Valley, 422, 424, 427–430
Ebro River Valley, 422, 424, 430–432
Green Spain, 422, 424, 425–427
Islands of Spain, 422, 424
maps of, 423, 424
Mediterranean Coast, 422, 424, 425, 432–437
Meseta, 422, 424, 437–439
wine styles of, 417
- sparkling wine
appearance of, 94
Asti, 31, 85, 366, 399, 405–406
from Australia, 235
bottles for, 79, 81–82, 684
bubbles in, 598
from California, 53, 139, 148, 158
Cava, 420, 425, 432–433
color of, 41, 92
corks for, 79, 84, 284
food/wine pairing, 559, 575–576, 589–590, 598
from France, 269, 270, 277, 311, 327, 330, 331, 338
from Germany, 489
history of, 78–80
from Italy, 366–367. *See also* Asti wine;
Prosecco wine
labeling of, 736
from New Zealand, 244
off-the-beaten-path, 677, 697, 698, 702, 710
as palate cleanser, 597, 598
from Portugal, 455, 471
production method for, 80–85, 282–284, 311, 405
Prosecco, 367, 406, 408–409, 559
Sekt, 489
serving, 83, 90, 598, 663–664, 666, 668
serving temperature, 649, 650, 651, 663
from Spain. *See* Cava wine
styles of, 575, 576
sweetness styles for, 84
for wine cellar, 690, 691
See also Champagne
- spa style food/wine menu, 630
- Spätburgunder grapes, 41, 504
- Spätlese* wine, 495, 509, 741
- spicy food/wine pairing, 603, 701
- Spiropoulos, Apostolos, 538
- spittoons, in tasting room, 89
- split bottle, 691
- Spottswoode Estate, California, 149
- Spourtiko grapes, 543
- Spring Mountain District AVA, California, 132, 145–146
- Spurrier, Steven, 136
- staff training, 652, 666–667
- Stags Leap District AVA, California, 132, 141, 142–143
- Stag's Leap Wine Cellars, California, 136, 137, 143
- stainless steel containers, 20, 60, 61, 67, 72, 125, 267, 283, 317, 409, 433, 440, 489, 490
- Standing Stone Vineyards, New York, 188
- Stanford, Leland, 124
- Stanislaus County AVAs, California, 179, 183, 747
- Steierland wine region, Austria, 511, 512
- Steiner, Rudolf, 17, 719
- Stellenbosch wine region, South Africa, 246, 249, 250
- Stelzner, Richard, 142
- Stephen's Cellar winery, California, 174
- Sterling family, 1, 102, 158
- Stevenot winery, California, 180
- Stewart, Lee, 125
- Stone, Larry, 654
- Stony Hill Vineyard, California, 145
- stoppers, 5, 79, 225–226, 658, 659, 683. *See also* corks
- storage conditions, in wine cellars, 681–682, 683, 684, 685, 686
- Stravroto grapes, 536–537
- Strohwein* wines, 509
- Strong, Rodney, 158
- Stucchi-Prunetti, Roberto, 390
- succinic acid, 100
- sugar, residual, 100
- sugar level
and chaptalization, 56
at harvest, 18–19, 54, 55
late-harvest grapes, 74
measuring, 55, 78
- Suisun Valley AVA, California, 130, 168
- sulfur dioxide, 57, 68, 97
- Sumoll grapes, 421
- Super Tuscan wines, 35, 36, 38–39, 47, 385, 388–391, 520, 739, 740
- sur lie*, 267
- Süss* (sweet) wines, 509
- Süßreserve* (sweet reserve) wines, 74, 490–491, 494
- Sutter Home Winery, California, 43, 126, 179
- Swan Creek AVA, North Carolina, 201
- Swan District wine region, Australia, 239, 240
- Swedish food/wine pairing, 595
- sweet wine
with dessert, 605
food/wine pairing, 561, 564–565, 569–571, 576, 582, 587, 588, 590, 591, 605
investor/collector of, 675
production of, 73–76
serving temperature, 90, 650
for wine cellar, 690, 691
See also fortified wine
- Switzerland, 113, 512–517
grape varieties in, 22, 32, 33, 36, 39, 41, 43, 46, 513–515
wine regions of, 515–517
- Sylvaner grapes, 277, 492, 514
- Symington family, 461, 462, 463, 467, 481–482
- Syrah grapes (Shiraz), 35, 37, 42–43, 113, 119, 139–140, 228, 229, 230, 235, 236–237, 247, 333, 335, 337, 338, 339, 341, 344, 346, 347
- Syrah wine, 116, 117, 140, 161, 536
- Syrian food/wine pairing, 595
- szamorodni* style wine, 523
- Szekszárdi Bikavér wine, 522
- T**
- Tablas Creek winery, California, 176
- Tachis, Giacomo, 373, 390
- La Tâche vineyard, France, 320
- taille*, 282
- thalas*, 456, 478
- Tália grapes, 477
- Tancer, Forrest, 158
- tank (*charmat*) method, 80, 85, 382, 408
- Tannat grapes, 49, 224, 309, 310, 311, 640

- Tannat wine, 224
 tannins, 8, 20, 35, 55, 60, 65, 99, 100, 599, 600, 602, 639–640, 650
 Tapada do Chaves winery, Portugal, 479
 Tarragona DO, Spain, 423, 424, 425
 tartaric acid, 18, 67, 68, 100, 602
 tartrate crystals, 67, 658
 Tasca d'Almerita family, 373
 Tasmania wine region, 235
 taste
 basic tastes, 555–556
 and food/wine pairing, 556–557
 maturation of, 556–557
 memory, 95
 sense of, 98
 of wine, 97–100
 and acidity, 68
 oak, 100
 oxidized wine, 91
 tannins, 60, 65, 100, 639
tastevin, 655
 tasting circles, 102
 tasting notes, 682
 tasting room, 88–90, 680
 tastings. *See* wine tastings
 tasting sheets, 89, 103, 104–107, 670
 tasting skills, 94, 98, 99
 Taurasi wine, 378
 Taurino wine producer, Italy, 377
 Tavel appellation, France, 332, 342
 tawny Porto, 463–464, 465, 745
 Taylor, Jack and Mary, 125
 Taylor Fladgate winery, Portugal, 462
 Taylor Wine Company, New York, 187
 Tazzelenghe grapes, 410
 TCA (2, 4, 6 trichloranisole), 97, 659, 683
 Tchelistcheff, André, 124
 Tegea *Vins de Pays*, Greece, 537
 Tejo DOC, Portugal, 449, 477–478
 Telavi wine region, Georgia, 525
 Te Mata Estate, New Zealand, 243
 Temecula Valley AVA, California, 130, 178, 179
 temperature
 conversion of, 732
 during fermentation, 61
 for grape growing, 6, 118–120
 and harvesting, 19
 for serving wine, 90, 649, 650–651
 for storing wine, 682, 683, 684
 of tasting room, 88
 Tempranillo grapes, 35, 36, 47, 221, 420–421, 427, 428, 431, 438
 Tepusquet Vineyard, California, 177
 Terlato, Anthony, 142
 Terlato Wine Group, 128, 177
 Teroldego grape, 412
 Teroldego Rotaliano wine region, Italy, 413
 Terra Alta DO, Spain, 424, 425, 436
 Terrantez grapes, 474, 482
 Terras do Sado VR, Portugal, 449, 474–475
 Terras Madeirenses wine region, Portugal, 454
 Terre d'Agala wine, 373
 Terre di Franciacorta wines, 397
 Terret Noir grapes, 341
terroir, 15, 35, 260, 265
tête de cuvée (first pressing), 282
 tetra paks, 659, 683
 Texas AVAs, 22, 30, 37, 199–200, 628, 746
 Texas High Plains AVA, 199
 Texas Hill Country AVA, 200
 Texoma AVA, Texas, 200
 texture of wine, 101
 Thackrey, Sean, 168
 Thai food/wine pairing, 593
 Thessaly wine region, Greece, 533, 536–537
 Thomas, Tara Q., 669
 Thompson Seedless grapes, 33, 119, 181
 Thrapsathiri grapes, 541
 Ticino wine region, Switzerland, 39, 514, 517
 Tignanello wine, 390
 Timothy, Brother, 143
 Tinta Barroca grapes, 451
 Tinta Cão grapes, 451
 Tinta Miúda grapes, 475
 Tinta Negra Mole grapes, 482
 Tinta Pinheira grapes, 452, 473
 Tinta Roriz grapes, 451, 459, 473, 478
 Tinto Fino/Tinto del País grapes, 428, 430, 438
 Tokaj-Hegyalja wine region, Hungary, 521, 522–523
 Tokaji Aszú wine, 465, 522–523
 Tokaji Eszencia wine, 523
 Tokaji Szamorodni wine, 523
 tongue sensitivity, 98
topikos oinos (TO), 529
 Torcolato wine, 408
 Torgiano Rosso Riserva wine, 364, 378, 380, 384
 Toro DO, Spain, 423, 424, 429
 Torres, Marimar, 158, 433
 Torres, Miguel Agustín, 213, 433
 Torres Vedras DOC, Portugal, 449
 Torres winery, Spain, 419, 433
 Torrontés grapes, 33, 221, 222, 422, 426
 Touraine appellation, France, 266, 270–271
 Touriga Franca grapes, 451
 Touriga Nacional grapes, 48, 450–451, 456, 459, 472, 473, 485
 training, for wine service, 652, 666–667
 Traisental DAC, Austria, 511
 Trajadura grapes, 453
 Traminer Aromatico grapes, 27, 410
 Traminer grapes, 27
 Traminette grapes, 12
 Trimini grapes, 521
 transfer method of sparkling wine production, 80, 84–85, 489
 Transmontano wine region, Portugal, 449
 Trapiche winery, Argentina, 220
 Trás-os-Montes DOC, Portugal, 449, 454
 Travers, Robert and Elinor, 124, 144
 Trebbiano grapes (Ugni Blanc), 33, 378, 380, 381, 384, 477
 Trefethen, Janet, 151
 Treixadura grapes, 422, 426
 trellis system, 7, 13, 469
 Geneva double curtain, 14–15
 lyre, 14, 15
 selecting, 14
 Smart-Dyson, 478, 479
 vertical, 14, 533
 Trentino–Alto Adige wine region, Italy, 22, 29, 30, 32, 36, 38, 41, 49, 356, 370, 411–413
 Trentino wine region, Italy, 413
 Trepát grapes, 421
 trichloroanisole (TCA), 97, 659, 683
 Triffon, Madeline, 89, 652, 707
 Trincadeira grapes, 451–452, 475, 478–479
 Trinchero, Bob, 43, 126, 179
 Trinchero Family Estates, California, 127
 Trinity County AVAs, California, 183, 747
 Trio Infernal winery, Spain, 435
Trockenbeerenauslese wines, 74, 495, 496, 509, 743
Trocken wines, 490, 497, 509
 Trousseau grapes, 330
 Tsaktsarlis, Vassilis, 536
 Tsantali winery, Greece, 536
 Tselepos, Yiannis, 539
 Tselepos winery, Greece, 538
 TTB (Alcohol and Tobacco Tax and Trade Bureau of the Treasury), 111, 114, 115, 117, 120, 152
 Tubbs, Alfred, 123
 Tulbagh District, South Africa, 249, 252
 Tunisia, 548
 Tuolumne County AVAs, California, 179, 183, 747
 Turkey, 543–544
 Turley, Larry, 176
 Turley Wine Cellars, California, 176
 Tursan appellation, France, 311
 Tuscany wine region, Italy, 357, 360, 370, 379, 385–395
 Chianti/Chianti Classico zones, 386–387, 389–390
 food/wine pairing, 614
 grape varieties in, 22, 34, 35, 36, 38–39, 47, 385–386
 red wine zones, 362–363, 390–393
 Super Tuscan wines, 35, 36, 38–39, 47, 388–391, 520, 739, 740
 white wine zones, 365–366, 394–395
 “Two Buck Chuck,” 126
 Txacolina DO, Spain, 423, 424, 427
 Tygerberg wine region, South Africa, 249, 252
- U**
 Uco Valley wine region, Argentina, 222
 Ugni Blanc grapes (Trebbiano), 33, 378, 380, 381, 384, 477
 Ukiah Valley, California, 164
 Ukraine, 520, 525
 ullage, 657–658, 681–682
umami, 97, 555–556
 Umbria wine region, Italy, 357, 360, 364, 370, 379, 383–384, 640
 Umpqua Valley AVA, Oregon, 192, 197
 unfiltered wine, 94, 734
 Union des Grands Crus, France, 295
 United States
 alcoholism in, 643
 appellation system in, 117–118, 120–121, 746–747
 climatic conditions in, 128–129, 133, 153, 185, 191, 195, 198, 199
 food/wine pairing, 596–597, 627–631
 grape growing in
 biodynamic, 16, 17
 clonal variation, 12
 heat summation system, 118–120
 history of, 113–114
 hybrid varieties, 12
 native American species, 9
 organic, 15
 and phylloxera, 9–10
 vine spacing, 120
 grape varieties in
 Cabernet Sauvignon, 36–37

- Chardonnay, 21–22
 Chenin Blanc, 30
 Gewürztraminer, 28
 Merlot, 39
 Pinot Gris/Pinot Grigio, 29
 Pinot Noir, 41
 Riesling, 26
 Sauvignon Blanc, 24
 Syrah/Shiraz, 43
 Viognier, 30
 Prohibition in, 109, 114, 121, 124, 633–634
 wine consumption in, 111, 112–113, 114, 634
 wine labels in, 114–118, 733–736
 wine laws of, 111, 116–118
 wine production in, 111, 112, 113–114
 wine regions of, 185–202
 Midwest, 189–190
 Northeast, 185–189
 Northwest, 190–198
 Southeast, 201–202
 Southwest, 199–201
 See also California
 wood aging in, 120
 Universal Recording System, 227
 University of California, Davis, 10, 11, 45, 124, 178, 524, 545
 Aroma Wheel, 96, 97
 Color Wheel, 93
 heat summation system of, 118, 119
 Uruguay, 49, 207, 224, 640
 Utiel-Requena DO, Spain, 423, 424, 425, 437
- V**
- Vacca, Aldo, 402
 Vaccarèse grapes, 341
 Vacqueyras appellation, France, 332, 340
 Valais wine region, Switzerland, 514, 515–516
 Valdadige wine region, Italy, 413
 Val de Loire IGP, France, 264
 Valdeorras DO, Spain, 423, 424, 425, 427
 Valdepeñas DO, Spain, 423, 424, 425
 Valdivieso winery, Chile, 218
 Valencia DO, Spain, 423, 424, 425, 437
 Valgella wine, 364
 Valle d’Aosta wine region, Italy, 359, 370, 395, 396
 Vallée de la Marne wine region, France, 278, 281
 Vallejo, Mariano Guadalupe, 122
 Vall Llach winery, Spain, 435
 Valpolicella *ripasso*, 408
 Valpolicella wine, 361, 407–408
 Valtellina Superiore wine, 364, 395, 397
 Vancouver Island DVA, British Columbia, 205
 Vanneque, Christian, 136
 variance analysis, 689
 varietal character, 101
 varietal labels, 115–117, 207, 214, 242, 264, 268, 275, 342, 367, 368, 733–735, 737
 Vasse Felix winery, Australia, 229
 Vaud wine region, Switzerland, 514, 516
 Vaughan, Mark, 711
 VDQS (Vins Delimité de Qualité Supérieure), 268, 270, 271, 310
 Vega Sicilia wine, 428
 vegetarian food/wine pairing, 577–581, 583–586, 588–591, 631, 671
vendange tardive, 26, 27, 276
 Veneto wine region, Italy, 357, 359, 370
 food/wine pairing, 615
 red wines, 364–365
 white/sparkling wines, 366–367
 wine zones of, 406–409
veraison, 18, 19
 Veramonte winery, Chile, 212
 Verband Deutscher Prädikatsweingüter (VDP), 498, 740
 Verdejo grapes, 33, 422, 429
 Verdelho grapes, 33–34, 229, 453, 482
 Verdelho wine, 233
 Verdello grapes, 383
 Verdicchio grapes, 34
 Verdicchio wine, 382
 Vermentino di Gallura wine, 367, 375
 Vermentino di Sardegna wine, 375
 Vermentino grapes, 34, 349
 Vernaccia grapes, 34, 365, 378, 382
 Vernaccia di San Gimignano wine, 34, 365–366, 378, 385, 394–395
 Vernaccia di Serrapetrona wine, 365, 382
 Vernatsch grapes (Schiava), 412
 Verset, Noël, 337
 vertical tasting/flight, 101–102, 700
 vertical trellis system, 14
 Vespaiolo grapes, 408
 Vespolina grapes, 363, 398
 Veuve Clicquot (“the widow Clicquot”), 79, 80, 83, 84, 284
 Veuve Clicquot company, 284, 285
 Viader winery, California, 142
 vibration, and wine storage, 684
 Victoria wine region, Australia, 230, 233–234
 Vidal grapes, 12, 76, 203, 204
 Vienna (Wien), vineyards in, 512
 Vietnamese food/wine pairing, 593
 Vignes, Jean-Louis, 122
 Vigneti del Sud wine producer, Italy, 377
 Vignoles grapes, 12, 76
 Vilana grapes, 532, 541
 Villány-Siklós wine region, Hungary, 521, 522
vin (wine category), 263
 Viña Errazuriz, 212
 Vin de Corse appellation, France, 348
vin de paille (straw wine), 74, 330–331, 337
Vin de Pays wines, Greece, 529, 534, 535, 536, 537, 538
 Vin de Savoie appellation, France, 331
 vines. *See* grape growing; viticulture
 vine spacing, 13, 120
 vineyard management. *See* viticulture
 Vinho de Mesa wine, 454
vinho regional (VR), 454, 529
 Vinho Verde DOC, Portugal, 94, 101, 447, 449, 450, 453, 456, 465, 468–470, 485
 Vinicola de Aguascalientes winery, Mexico, 202
 vinifera grapes, 8, 9, 10, 11, 12, 13, 187, 210
 vinification. *See* winemaking
vin jaune (“yellow wine”), 330, 331
 Vinland, 9
 Vin Muscat de Tunisie, 548
vino da tavola (VDT), 355–356, 390, 391, 739
vino de calidad con indicación geografica (VCIG), 418
vino de cosecha, 419
vino de crianza, 419
vino de la tierra (VDT), 418
 Vino de la Tierra de Castilla, 424, 438
vino de mesa (VDM), 418
vino dulce, 442
vino generoso, 442
vino generoso de licor, 442
 Vino Nobile di Montepulciano wine, 47, 363, 385, 392–393
 Vino-Seal, 659
vino típico, 355
 Vin Santo wine, 96, 385, 394, 542
 Vinsanto wine, 531, 542
 Vins Delimité de Qualité Supérieure (VDQS), France, 268, 270, 271, 310
vins doux naturels, 77, 340, 344, 346, 349
 Vinsobres appellation, France, 340
 vintage charts, 677
 vintage date, 54, 118, 715
 vintage Porto, 77, 463, 728, 745
 vintage wines, 54, 285–286, 484
 Vintners’ Quality Alliance (VQA), Canada, 203
vinum optimum rare signatum (VORS), 443–444
vinum optimum signatum (VOS), 443
 Viognier grapes, 29–30, 119, 161, 333, 334, 335, 342
 Virginia AVAs, 22, 30, 37, 201–202, 746
 Vital grapes, 476, 477
 viticulture, 13–20
 and age of vine, 13–14
 ampelia system, 532, 541, 542
 biodynamic, 16–18, 719
 and dormant stage, 17
 enforcado system, 468–469
 fruit development, 18
 grafting, 10–11, 13
 mugron system, 208, 210
 organic practices, 15–16
 patamares system, 458
 pruning, 17–18
 replanting program, 13, 14
 and soil fertility, 13, 14, 16
 spring growth/flowering, 18
 trellis system, 7, 13, 469
 Geneva double curtain, 14–15
 lyre, 14, 15
 selecting, 14
 Smart-Dyson, 478, 479
 vertical, 14, 533
 vine spacing, 13, 120
 See also grape growing; harvesting; phylloxera
Vitis aestivalis, 9
Vitis labrusca, 9
Vitis riparia, 9
Vitis rotundifolia, 9
Vitis vinifera, 8, 9, 178, 533
 Viura grapes, 33, 422, 430, 431
 volatile acidity, 97
 volcanic soil, 7, 131, 133, 159, 196, 271, 377
 Volnay appellation, France, 324
 Von Benz, Beth, 661
 VORS (Very Old Reserve Sherry), 443–444
 VOS (Very Old Sherry), 443
 Vosne-Romanée appellation, France, 312, 320, 321
 Vougeot appellation, France, 312, 319–320, 321
 Vouvray appellation, France, 266, 271
- W**
- Wachau wine region, Austria, 26, 32, 510–511
 Wagner, Philip, 202
 Wahluke Slope AVA, Washington State, 192, 193
 Waiheke Island wine region, New Zealand, 243

- Wairarapa wine region, New Zealand, 243, 244
 walk-around tastings, 103
 Walker Bay District, South Africa, 249, 252
 Walla Walla Valley AVA, Oregon, 192, 198
 Walla Walla Valley AVA, Washington State, 192, 193–194
 Warre's winery, Portugal, 463
 Washington State, 190–194
 grape varieties in, 22, 26, 28, 30, 31, 37, 38, 39, 43, 192
 map of, 192
 wine laws of, 117
 wine regions of, 192–194, 746
 Washington Wine Quality Alliance, 191
 Waterhouse, Andrew, 639, 640
 water runoff/absorption, 8, 16
 Wehlener Sonnenuhr vineyard, Germany, 498
 Weiner, Lyn, 644
 Weinert winery, Argentina, 219, 220
 Weinviertel DAC, Austria, 511
 Weissburgunder grapes, 30, 492, 510
 Welschriesling grapes, 510, 521
 Wendenburg, Mark, 205
 Wente winery, California, 147, 170, 173
 Weststeiermark wine region, Austria, 511, 512
 Western Australia wine region, 239–241
 West Park Wine Cellars, New York, 188
 West Virginia AVAs, 746
 Wetzels family, 156
 Whelan, Elizabeth M., 641
 Whitecliff Vineyards, New York, 188, 189
 white wine
 aging, 70–71, 72
 -cheese pairing, 600
 color of, 68, 91, 92, 93, 650
 consumption of, 113
 food/wine pairing, 564–565, 569–571, 577–582, 599, 600
 grape varieties, 9, 12, 20–34, 76, 290–291
 in London/Napa tasting (2006), 137
 Meritage-style, 135
 off-the-beaten-path, 677, 697, 698, 702, 710
 in Paris tasting (1976), 136
 power chart, 561
 production of, 57–63
 from red grapes, 53, 57
 serving temperature, 650
 tannins in, 65
 varietal labels, 115–116
 for wine cellar, 677, 690, 691
 White Zinfandel, 43, 53, 92, 126, 179
 whole-berry/whole-bunch fermentation, 63
 Wild Horse Valley AVA, California, 132, 147, 168
 Willamette Valley AVA, Oregon, 192, 196
 Willenborg, Kevin, 205
 William Fèvre Chile, 218
 Willow Creek AVA, California, 747
 Willow Vineyards, Michigan, 190
 Wilson, Sheldon, 142
 wine
 acidity of, 6, 7–8, 280, 602
 clarity of, 93–94
 color of, 52–53, 57, 65, 68, 88–89, 91, 92, 93, 649–650
 for cooking, 599
 and food. *See* food/wine pairing; menus, food and wine
 influences on characteristics, 51, 53–54
 information sources on, 676
 kosher, 544–545
 Meritage-style, 115, 134, 135, 174
 nonvintage, 54, 285
 numerical scores for, 35
 off-the-beaten path, 677, 697–698
 organic, 16
 power of, 559–563
 quality criteria for, 5
 rating of, 676–677
 smell of, 94–97, 650, 662
 taste of, 97–100
 unfiltered, 94
 vintage, 54, 285–286
 See also aroma; flavor
 Wine and Soul winery, Portugal, 460, 465
 Wine & Spirits magazine, 677
 Wine Art winery, Greece, 536
 wine auctions, 678–679, 680–681
 wine brands, in California, 126–128
 wine cellars, 673–693
 basic wines, 690
 buying guidelines, 676–681
 explorer wines, 691
 inventory system, 686–689, 692
 recordkeeping, 685
 storage conditions in, 681–682, 683, 684, 685, 686
 types of, 673–676
 wine consumption
 in Australia, 226
 in Europe, 112, 257, 633, 638
 in France, 112, 113, 633, 637–638
 in Germany, 112, 487
 health benefits of. *See* health benefits of wine
 consumption
 in India, 550–551
 in Italy, 112, 113, 382, 638
 in Portugal, 113, 450
 in Spain, 112, 113, 416, 638
 top consuming nations, 112, 113
 in United States, 111, 112–113, 634
 See also alcohol consumption
 wine grapes. *See* grape growing; grapes; *specific varieties*
 Wine Group, The, 127, 170
 wine labels
 generic, 114–115, 227, 733
 health warning on, 111
 how to read, 733–745
 place names on, 117–118, 227, 228, 242, 247, 257, 265, 356–357, 367, 368, 450, 453–454, 498, 528–529, 723
 proprietary, 115, 294, 367, 368, 528, 735
 regulations, 35, 111, 116–117, 214, 227, 256, 355, 369, 453–455, 493, 528–529
 second labels, 294
 sulfite statement on, 57
 terms
 Australia, 227
 Austria, 508–509
 France, 264, 265, 268, 275, 276, 295, 737, 738
 Germany, 491, 493, 494, 495, 740–743
 Greece, 529–530
 Italy, 367–369
 Portugal, 455–456, 744, 745
 South Africa, 247, 248
 Spain, 418–420, 434, 743, 744
 United States, 116–118, 733–736
 varietal, 115–117, 207, 214, 242, 264, 268, 275, 342, 367, 368, 733–735, 737
 village names, 314–315
 vineyard names, 294, 315, 316, 367, 369, 498
 vintage date, 54, 118, 227
 wine laws
 in Argentina, 222–223
 in Australia, 227–228
 in Austria, 508–509
 in Canada, 203
 in Chile, 214–215
 European Union (EU), 256, 260, 262, 263, 275, 352, 355, 358, 362, 418, 419, 473, 482, 487–488, 493, 528
 in France, 257, 259, 262–265, 268, 275, 295, 314
 in Germany, 76, 257, 493–497
 in Italy, 257, 352, 354–367
 in New Zealand, 242
 in Portugal, 257, 454–455, 458–459, 462, 466, 467, 472, 473, 483
 in South Africa, 247–248
 in South America, 214–215, 222–223
 in Spain, 257, 417–420
 in Switzerland, 513
 in United States, 111, 116–118, 135
 wine lists, 695–731
 breadth and depth of, 714
 consumer tips, 696–698
 by glass/half bottle, 727, 731
 information on, 714–715
 organization of, 701, 715–727
 presentation of, 656–657, 659, 714
 pricing strategies, 698, 705–713
 printing, 656
 and style of restaurant, 699
 sweet spot, 698
 wine selection for, 696, 699–705
 winemaking, 51–85
 acidity adjustment, 67–68
 aging, 54, 65, 69–72, 120, 125, 286, 419–420
 and alcohol content, 62, 68
 in ancient times, 52, 53
 autovinification, 461, 483
 bâtonnage, 62, 314, 535
 blending, 35, 69, 81, 117, 283–284, 292–293, 300–301
 Bordeaux wines, 292–293, 295, 300–301
 Burgundy red wines, 314, 317
 Cabernet Sauvignon, 35
 canteiro method, 483, 484, 485
 Chablis, 317
 Champagne, 282–284
 chaptalization, 56, 490
 Chardonnay, 21
 charmat method, 80, 85, 382, 408, 489
 clarification methods, 54, 72–73, 283, 292, 545
 and color of wine, 52–53, 57, 68
 crushing, 63, 461
 cryoextraction, 68, 76, 292, 472
 estufagem method, 483, 484, 485
 fermentation. *See* fermentation, controlled
 formula for, 52
 fortified wines, 77–78
 Madeira, 482–483, 485
 Porto, 460–461
 Sherry, 440–441
 and harvesting time, 54–55

- mevushal* wines, 545, 546
 - organic, 16
 - pressing, 57–60, 63
 - processes in, 54
 - red wine, 63–67
 - in Rhône Valley, 333, 336
 - rosé wine, 67
 - saignage*, 292, 314, 340
 - solera* method, 373, 441, 444, 445, 484
 - sparkling wine, 78–85
 - and sugar level, 55
 - and sulfur dioxide, 57, 68
 - sweet wines, 73–76
 - and tannins, 60, 65
 - top producing nations, 111, 112
 - transfer method, 80, 84–85, 489
 - white wine production, 57–63
 - and yeast, 56–57
 - wine service, 649–671
 - customer complaints, handling, 663
 - decanting, 659, 661–662, 664, 665
 - fortified wines, 90, 465, 485, 650, 651, 666, 669
 - glassware, 649, 651, 655–656, 667
 - in multicourse dinner, 597–599
 - pouring, 649, 658, 660
 - refused bottles, 655, 662
 - serving temperature, 90, 649, 650–651
 - sommelier's role in, 654
 - sparkling wine, 83, 90, 598, 649, 650, 651, 663–664, 666
 - staff training for, 652, 666–667
 - standards and etiquette in, 651–655
 - steps in, 649–650
 - tools of, 651, 655
 - uncorking, 649, 658, 660
 - wine list presentation, 656–657, 659, 714
 - wine presentation, 657–658, 660, 665
 - for wine tasting, 90
 - Wine from Sky to Earth* (Joly), 17
 - Wines of Origin (WO) system, South Africa, 247–248
 - Wine Spectator* magazine, 641, 667, 676–677
 - wine tastings, 87–107, 680
 - appearance of wine, 91–94
 - components of wine, 100–101
 - formal vs informal, 87
 - at home, 670–671
 - London/Napa (2006), 136–137
 - Paris (1976), 126, 136
 - sensory response in, 87
 - setting and service for, 88–90
 - smell of wine, 94–97
 - taste of wine, 97–100
 - time of day, 88
 - types of, 101–103, 670–671
 - blind tasting, 102
 - comparative tasting, 102
 - horizontal tasting, 102
 - semiblind tasting, 102
 - vertical tasting, 101
 - at wineries, 680
 - Winiarski, Warren, 136, 142, 143
 - Wisconsin AVAs, 746
 - women's health, and alcohol consumption, 641–643
 - wooden barrels, 20, 35, 60–61, 70–72, 120, 125, 213, 283, 317, 333, 344, 390, 419, 489–490, 732
 - wood matured wines, 227
 - World Health Organization (WHO), 635
 - Wrattonbully wine region, Australia, 232, 238
 - Württemberg wine region, Germany, 500, 507–508
- X**
- Xarel-lo grapes, 34, 422, 433, 436
 - Xinomavro grapes, 49, 530, 534, 535
 - Xinomavro wine, 534–535
 - Xylella fastidiosa*, 178
 - Xynisteri grapes, 543
- Y**
- Yadkin Valley AVA, North Carolina, 201
 - Yakima Valley AVA, Washington State, 192, 193
 - Yamhill-Carlton District AVA, Oregon, 192, 197
 - Yarra Ridge Winery, Australia, 234
 - Yarra Valley wine region, Australia, 225, 229, 232, 234
 - yeast
 - beads (*billes*), 84
 - flor*, 330, 440–441, 442
 - lees (sediment), 32, 62, 267, 269, 286, 314, 331
 - natural, 51, 56, 57, 63
 - proprietary, 57
 - requirements of fermentation, 61, 62
 - in second fermentation (*méthode champenoise*), 81–85
 - selected strains, 56–57, 63
 - in winemaking formula, 52
 - Yecla DO, Spain, 425, 437
 - Yianakohori vineyard, Greece, 534
 - Yolo County AVAs, California, 180–181, 183, 747
 - York Mountain AVA, California, 130, 169, 174
 - Yorkville Highlands AVA, California, 163, 166–167
 - Yount, George Calvert, 122
 - Yountville AVA, California, 132, 148–149
 - Yuba County AVAs, California, 179, 183, 747
- Z**
- Zellerbach, James, 125, 153
 - Zibibbo grapes, 371
 - Zierfandler grapes, 508, 510
 - Zinfandel grapes, 43–45, 53, 113, 119, 140, 153, 158, 179, 377
 - Zinfandel wine, 62, 116, 126, 140, 147, 152, 156, 159, 182
 - White Zinfandel, 43, 53, 92, 116, 126, 179
 - Zitsa AOC, Greece, 532, 533, 537
 - Zork (closure), 659
 - Zweigelt grapes, 49, 510, 511, 512, 521