

## INDEX

- Abydos, Milesian colony, 219, 240  
 Acacia wood for wine vats, 191  
 Acarnania, grain from, 48, 277;  
 cattle, 51; trade of, 244; sheep,  
 291  
 Achaea, horses from, 64  
 Adcock, F. E., quoted, 266  
*Adeia*, 382 n. 1  
 Adriatic Sea, traders in, 244 f., 348  
 Aegina, population of, 20; agri-  
 culture, 53; wealth of, 92; manu-  
 factures, 208; Lampis of, 232;  
 trade, 236, 262, 277; piracy, 309;  
 Pheidon and Aeginetan standard,  
 316 f.  
 Aelian, on Euboean cattle, 61; on  
 fishing, 288  
 Aenus, salt from, 124; wheat from,  
 265  
 Aenyras, gold deposits, 91  
 Aeschines, seller of perfumes, 13;  
 on interest rates, 342, 388  
 Aeschylus, *Persae*, 98  
 Aethalia, see Elba  
 Aetolia, agriculture, 48; cattle, 61;  
 timber, 197; sheep, 291  
 Agatharchides on Nubian gold mines,  
 92  
 Agis, of Sparta, attempted reforms,  
 86, 261  
*Agoranomos*, 143, 358  
 Agriculture, in Greece, 38 ff.; ade-  
 quacy of, 83; after Peloponnesian  
 war, 85; capitalistic, 86; wages of  
 labour in, 131; women workers in,  
 137  
 Agrigentum, 220  
*Akestria*, dressmaking, 135  
 Alabaster, 238  
 Alcibiades, 4, 43, 96, 137, 191, 203,  
 242, 256, 282, 326, 357, 373  
 Alciphron on moneylenders, 337  
 Alexander of Macedon, 3, 8, 95, 98,  
 239; relieves famine in Greece,  
 275 f.; demonetises silver, 325,  
 329  
 Alexander of Pherae, raid on the  
 Cyclades, 309  
 Alexandria, banking in, 254  
 Al Mina, Attic pottery at, 295  
 Alyattes of Lydia coins electrum,  
 323  
 Alybe, silver from, 214  
 Amasis of Egypt favours Greeks at  
 Naucratis, 238  
 Amber, provenance of, 216, 246; in  
 Liguria, 123  
 Ambracia, cleruchies in, 224; famine  
 in, 277; timber from, 280  
 Amisus, Milesian cleruchy on Pro-  
 pontis, 219, 240; Athenian post at,  
 266; timber from, 279  
 Amitraghata of India, 284  
*Amorgis*, conjecturally silk, 187  
 Amorgos, lease of, 54; wool fabrics,  
 292  
 Amphictyones, law of, 251  
 Amphipolis, capture by Brasidas, 281  
*Amphitapos*, 183  
 Amphora, liquid measure, 243  
 Amyntas, of Macedonia, shipbuild-  
 ing supplies from, 282  
 Anactorium, cleruchy of Corinth,  
 224  
 Anatolia, wine, leather and wool  
 from, 218 f.  
 Anaxibius, a pirate, 309  
 Anchialus, salt from, 124  
 Andocides, orator, obtains timber  
 from Archelaus, 282; on piracy,  
 308; trade of Piraeus, 386  
 Andreades, G., on taxation, 352 ff.;  
*antidosis*, 381; *eisphora*, 382; tri-  
 bute of allies, 388  
 Andros, iron in, 122; Athenian  
 garrison in, 262, 267  
 Animal husbandry, 59 ff.  
 Annealing, 208  
 Antheia, cattle in, 65  
*Anthrakes*, coal, 123  
*Antidosis*, 107, 380  
 Antigonus Gonatas and Athenian  
 mint, 320 n. 4  
*Antigraphus*, 360  
 Antipater of Macedon, timber from,  
 282  
 Antiphanes, poet, on baths, 188  
 Antiphon, orator, on murder of  
 slave, 156 f.  
 Anytus, a tanner, 272, 293

- Apidanus, river, stud farm on, 64  
*Apodectae*, 358  
*Apokiai*, 224  
 Apollodorus, son of Pasion, 336  
 Apollonia, Corinthian cleruchy, 219, 224; timber from, 280  
 Apollonius Rhodius, quest of Argonauts, 214  
 Apples, 58; from Euboea, 233  
 Apprenticeship, 139  
 Apulia, grain from, 246  
 Arabia, trade with, 300  
 Arcadia, grain raising, 48; cattle, 61; horses, 63, 65; sheep, 68, 291; asses and mules, 72  
 Archelaus of Macedon, timber from, 282  
 Archestratus, Athenian banker, 344  
 Archiletes, sells gold to Hiero, 90  
*Architekton*, 201  
 Archons, pay of, 359  
 Ardaillon, E., mines of Laurium, 95 ff., 104; cement, 203  
 Argali, sheep, 67  
 Arganthonius of Tartessus, 221  
 Argonauts, 67, 213, 217  
 Argos, wheat from, 49; cattle, 61; horses, 63; famine in, 277; fishing, 289  
 Arimaspians, gold producers, 213  
 Aristides, assesses tribute of allies, 388  
 Aristophanes, attacks on Cleon, 11; *Plutus*, 13; *Wasps*, 15, 390; pig-keeping, 72; price of salt, 124; torture of slaves, 156; wheat from Euboea, 261; fish as military rations, 289; debased coinage, 326; silver obols, 328; *demosia trapeza*, 350; taxation, 387, 390  
 Aristotle, limitation of citizenry, 8; gainful occupations, 11; infanticide, 23; population of Crete, 24; economic theory, 25 ff.; private property, 27; money, 29 f.; poverty and wealth, 32; slavery, 33, 149, 161; Thessalian oligarchy, 64; care of animals, 68; swine, 71; poultry keeping, 74 f.; *Poetae*, 104; revenue from mines, 106; corner in Sicilian iron, 122; silk, 186; tin, 209; *sitophylakes*, 273; Cleomenes, 276; Solon's monetary reforms, 317; embezzlement, 341; Athenian civil service, 357, 361; payments to citizens, 370; condemnations fines, 374; useless liturgies, 376; *eisphora* at Potidaea, 384  
 Armenia, horses and mules from, 300  
 Armourers, 206  
 Army, cost of upkeep of Athenian regular, 362  
 Asbestos, 115  
 Asemotrupal, 92  
 Asphalt, bitumen, 114  
 Asses and mules, 72  
 Assos, isthmus route, 247  
 Assyrians, iron armed, 119  
 Astacus, Athenian post in Propontis, 266  
*Astynomi*, 138, 143, 358  
 Astypalaea, famine at, 277  
 Astyra, gold from, 90  
*Asyilia*, 227  
 Asylum, right of slaves to, 158  
 Atarneus, gold from, 91  
*Ateleia*, 227  
 Athenaeus, *Deipnosophistae*: census of Demetrius of Phalerum, 20; wheat from Thessaly, 47 n. 2; *briza*, 51 n. 3; vegetables, 58; flax ropes, 59; roasting an ox, 62 n. 1; cheese, 62 n. 6; Attic wool, 68 n. 5; Milesian wool, 69; Poly-crates of Samos, 73 n. 8; eggs in diet, 75 n. 1; bantam fowls, 75 n. 10; geese, 76; squills, 78; Hiero of Syracuse, 90; women ribbon sellers, 135; Aglais, a trumpeter, 138; Phocian slaves, 155 n. 2; slave rebellion at Samos, 158; treatment of slaves, 160; wall digger, 174; encaustic, 176; weaving, 182 f.; felt, 183; *trichaptos*, 186; *kalasireis*, 187; Menedemus and Asclepiades, 194; bread, 194; Anaxarchus, 195; cookery books, 196; forty-bank ships, 199; *Syracosia*, 200, 209, 280; hempen ropes, 202; Glaucus, 206; glass, 209; Hermippus, 234; perfumes, 236; Milesian wool, 241; flour from Phoenicia, 264; wheat preferred to barley, 275; Harpalus, 277; sycophant, 284; Amitraghata, 284; fish, 287 f.; tapestries, 292; pottery from Naucratis, 297  
 Athens, cloaca, 53; trade of, 235, 252; grain trade, 271; gold coinage, 326 f.; banking in, 335 ff.

## Index

401

- Athlothetae*, 359  
*Atimia*, 350  
 Atragioi, in Thessaly, famine, 277  
 Attica, farming in, 4, 48, 50, 84, 88;  
   grain crop, 21; land problem, 41;  
   sheep, 68; honey, 73; olives, 77;  
   deforestation, 82; loss of popula-  
   tion, 87; brine springs, 124; wax,  
   202; figs, 284; marble, 290; pottery,  
   296 ff.  
 Augeas, cattle of, 65  
*Aurichalcum*, 118  
*Autourgos*, 43  
 Azov, Sea of, fishing in, 287
- Babylonia, agriculture in, 52; bank-  
 ing in, 334  
 Badakshan, lapis lazuli from, 215  
 Bakers, 144  
*Banauasia*, 13  
 Banking, 254, 333 ff.  
 Barley, 51, 84  
 Barrels, wooden, not used. 191  
 Bashan, oak from, 300  
 Baskets, 198  
 Baths, 188  
 Battos of Cyrene, road builder, 250  
 Becker, W. A., *Charicles*, 289, 333  
   n. 1  
 Bedsteads from Miletus, 233  
 Bees, beekeeping, honey, wax, 73  
 Beloch, J., population of Greece, 21;  
   Greek commerce, 224; avoidance  
   of Adriatic, 244  
 Bérard, V., Isthmic theory, 247  
 Bermius, Mt., gold from, 91  
 Bill of Exchange, 340  
 Bimetallism, 329  
 Binai, coal at, 123  
 Bithynia, timber from, 244  
 Bitumen, asphalt, 201  
 Black Sea, see Euxine  
 Blakeway, A., quoted, 223, 323  
 Bleaching, 185  
 Boeckh, A., mining laws, 106 f.;  
   cost of living, 133; upkeep of  
   slaves, 164; bottomry bonds, 349;  
   fines on citizens, 374; *xenikon*, 375;  
   liturgies, 378  
 Boeotia, inaccessibility to sea, 4;  
   market gardening, 51, 128; wheat,  
   55, 260; cattle, 61; horses, 63 f.;  
   fowls from Tanagra, 75 f., 233;  
   ruin of, 87; helmets from, 207;  
   sheep, 291
- Bohemia, tin from, 116, 246  
*Bombycina*, silk, 186  
*Bora*, wind, 245  
 Borysthenes, salt from, 124; fish, 288  
 Bosphorus, hides, 293  
 Bottomry, 228, 242, 274, 345 ff.  
*Bouturon*, 62  
 Boxwood, 129, 300  
 Brasidas, capture of Amphipolis, 281  
 Brass, 112, 118  
 Bread, sellers, 136; ovens and baking,  
   193  
 Bricks, 129, 132, 173  
 Britain, Phoenicians in, 115, 301  
*Briza*, 51  
*Bromos*, 51  
 Bronze, 112 ff.  
 Budget in Athenian finance, 355  
 Budini, furs, 293  
 Bug, river, 241  
 Building construction, 202  
 Butades of Corinth, 236  
 Butter, 62, 285  
 Byblos, calkers from, 300  
 Byssos, 184, 202  
 Byzantium, Greek colony, 219;  
   seizure of grain ships, 269, 270,  
   308, 336; fish, 287; banking  
   monopoly, 338
- Cadmia*, 103  
 Caicus, river, Aeolian colony, 217  
 Calamus, Cassia, 300  
 Calking, 201, 300  
 Callistratus, income from harbour  
   dues, 256  
 Calymnus, wine from, 294  
 Capital, lack of liquidity, 31, 333;  
   insecurity of, 230, 380  
 Capitalism, 7, 79  
 Cappadocia, mules from, 72; bitu-  
   men from, 201  
 Caprification, 78  
 Cardamom from Miletus, 233  
 Caria, preserved figs from, 284  
 Carpentry, 196  
 Carpets, 184, 291 f.; from Carthage,  
   304  
 Carthage, flax from, 202; trade, 219,  
   244, 249, 303 f.; silphium, 233;  
   flour, 233, 264; pottery, 298  
 Carystus, famine, 277; fish from,  
   289; marble, 290  
 Casting, metal, 208  
 Catalan furnace, 204

- Cato on size of farms, 88  
 Cattle, 60 ff.  
 Caulonia, timber from, 282  
 Cavalry, use in war, 63 f., 66, 361  
 Cayster, river, 217  
 Cedar for shipbuilding, 278 f.  
 Celtiberia, iron from, 205  
 Cement, 203  
 Ceos, *mitos* from, 103, 122, 262, 277  
 Cephallenia, rainfall in, 46  
 Cephus, river and plain of, 48, 53  
 Cerameicus, 178  
 Cercinites, 219  
 Cerne, Attic pottery at, 297  
 Cersobleptes of Thrace, taxes on commerce, 256  
 Chaerophilus, a fishmonger, 289  
 Chalcidion, copper, 113; colony, 219; seizure of grain ships, 269; fishing, 287  
 Chalcidice, wheat from, 265; timber, 281  
 Chalcis, in Euboea, 113; helmets from, 207; vases, 209; fishing, 288  
*Chalkeis*, copper coins, 321  
*Chalkeus*, *chalkos*, 112  
 Chalybes, iron, 119, 233; fishing, 287  
 Charcoal burning, 198, 205, 244  
 Charidemus of Oreus, a pirate, 309  
 Chasing, steel, 206  
 Cheese, cheesemaking, 62, 171  
 Chersonesus, Tauric, 240  
 Chersonesus, Thracian, colony, 219, 224; blocked exchange, 228; wheat from, 265  
 Chesterton, G. K., definition of poverty, 17  
 Childe, V. G., Minoan jewellery, 216  
 China, silk from, 196; furs, 293; cf. also Seres  
 Chios, vase from, 209; wine, 218, 294; payment for convoys, 268; oil, 285; marble, 290; capture by Histiaeus, 308; monetary standard, 320  
*Chlamys*, 187  
*Chlamis*, 187  
*Choregia*, 177  
*Chutreus*, 177  
 Cilicia, timber from, 279  
 Cimmerian Bosphorus, in Homer, 213; Pericles' visit to, 266; grain from, 269  
 Cimolian earth, 183  
 Cimon, 268; suppression of piracy, 308  
 Cinadon of Sparta, iron weapons, 207  
 Cinnabar, *Kinnabari*, 102, 119, 190  
 Cinnamon, 300  
 Circe, swine of, 71  
*Cire perdue* method of casting, 208  
 Citizens of Athens as workers, 125 ff.  
 Cius, Milesian colony, 219, 240  
 Clauda, island, copper in, 114  
 Clay products, 173  
 Clazomenae, olive oil, 285; famine in, 270  
 Cleaners, garment cleaning, 188  
 Cleanthes, the philosopher, prosecuted for idleness, 12  
 Cleomenes of Naucratis, corner in wheat, 260, 264, 275 ff.  
 Cleomenes of Sparta, 86  
 Cleon, a tanner, 171, 293, 388  
 Cleruchies, 224  
 Clothing, cost of slave's, 163; industry, 187 f.  
 Cnidus, seizure of Spartans, 264; wine, 294  
 Cnossus, famine, 277; borrowers at, 337  
*Coa*, silk, 186  
 Coal, 122, 205  
 Cochineal, 190  
 Cock fighting, 75  
 Coele-Syria, forests, 278  
 Coenyra, gold, 91  
 Coins, coinage, 97, 304 ff.  
 Colaeus of Samos, voyage of, 221, 301  
 Colchis, cinnabar, 190; gold, 213; timber, 279; flax, 291  
 Colonisation, 217 ff.  
 Colosseni, wool, 292  
 Columella, on use of manure, 54; poultry, 75; viticulture, 80  
 Commagene, bitumen, 201  
 Commerce, 224 ff.  
 Communism, Greek view of, 26  
 Confectionery, 195  
 Construction industry, labour in, 128 ff.  
 Convoys, 268  
 Cooks, women, 137; apprenticeship, 140; famous, 196  
 Copais Lake, spring wheat, 55; eels and poultry from, 48, 289  
 Coral, 300

## Index

403

- Corcyra, Corinthian cleruchy, 224; fishing, 288; wine, 294
- Corfu, rainfall, 46; Scheria, 212
- Corinth, population of, 20; bronze, 208; colonies, 224; trade, 236, 255, 317; pottery, 277, 295 f.; piracy, 309; silver staters, 325
- Corsica, Phocaeans in, 221; timber, 283, 305
- Cos, dyers in, 135; silk, 186; wheat, 277; sheep, 291; wine, 294; taxes, 387
- Cosa, tunny fishing, 289
- Cost of living, 132 ff.
- Cotton, 187, 291
- Courts, mining, 110; commercial, 145; Athenian, 254
- Crete, rainfall, 46; sheep, 69, 292; iron, 120; whetstones, 206; cypress wood, 234
- Critias, elegy of, 233
- Croesus, wealth of, 91, 313, 323
- Crop rotation, 57
- Croton, colony of Magna Graecia, 220
- Cumae, 220, 247; pottery, 295; gold coins of, 326
- Cupellation, 102
- Customs duties, 255, 386
- Cyclops, a cheesemaker, 63
- Cydonia, famine at, 277
- Cyprus, copper, 113, 211, 214; asbestos, 115; iron, 120; shipbuilding, 201; gypsum, 203; trade, 212, 217; mustard from, 233; wheat, 262, 275; timber, 280; sheep, 291; carpets, 292; Attic pottery in, 297; Phoenicians in, 302
- Cyrenaica, Cyrene, rainfall, 46; silphium, 233; hides, 234, 293; road in, 250; grain from, 270, 277; oil, 285; pottery, 298
- Cythera, owned by Eurycles, 87; expedition of Nicias to, 264; famine at, 277
- Cythnos, iron in, 122
- Cyzicus, shipbuilding, 201; colony of Miletus, 219, 240; staters of, 228, 327, 330; seizure of grain ships, 269; taxation, 387
- Dactyli, iron from, 119
- Damascus, wine and wool from, 300
- Damastium, silver, 94, 245
- Daric, gold coin, 329
- Darnel, 52
- Dates from Phoenicia, 233
- Daton in Thrace, shipbuilding, 201
- Davies, O., quoted on mining, 89, 115
- Dead Sea, bitumen from, 201
- Debt, slavery for, 41 f., 333
- Declea, seizure by Spartans, 22, 49, 76, 109, 163, 229, 261, 326, 373
- Deforestation, 82
- Deinarchus, accuser of Demosthenes, 274
- Delian League, 11, 15, 18, 236, 319
- Delos, trade emporium, 237, 240; banking, 254, 334; oil, 286
- Delphi, wages at, 131; famine at, 277
- Demades, Athenian financier, 370, 373
- Demeter, rites of, 4
- Demetrius of Phalerum, 20, 98, 203, 355
- Demetrius Poliorcetes, 183, 283
- Demioprata*, 373
- Demosia trapeza*, 350
- Demosthenes, grain controller, 274, 277; Harpalus incident, 373; Cases: agst. Lacritus, 232, 242, 287, 294, 346; agst. Eubulides, 12, 127; *de Corona*, 12, 261, 265, 269; agst. Zenothemis, 260; agst. Di-onysodoros, 260, 276 f., 340, 346; agst. Theocrines, 269; agst. Neaera, 136, 274; agst. Timotheus, 202, 282; Treaty with Alexander, 282; agst. Phormio, 232, 293; for Phormio, 336, 341, 348; agst. Pantaenetus, 100, 106, 111; agst. Leptines, 20; agst. Phaenippus, 86, 107, 111; agst. Aphobus, 153, 198; agst. Euergus and Mnesibulus, 338; agst. Polycles, 345; agst. Androtion, 357, 382; on the Navy Boards, 379, 383; Philippic iv, 390
- Deposit Banking, 341
- Diagogion*, 257
- Diapulia*, 256, 387
- Dibaphos*, 189
- Dicaearchus on Spartan money, 322
- Dicasts, pay of, 369
- Dio Chrysostom, decadence of Euboea, 87
- Diodorus Siculus, Sun State of Iambulus, 29; Nubian gold mining, 92, 160; metic tax, 147

- Diogenes Laertius, sheep at Megara, 68; debasement of coinage at Sinope, 332
- Dionysius of Phocaea, a tyrant, 308
- Dionysius of Syracuse, 306; debasement of coinage, 332
- Dioscorides, on quicksilver, 119; perfumery, 193
- Dioscurias, colony in Colchis, 219; fish curing, 287
- Diphilus, confiscation of property, 97, 374
- Diploe*, 205
- Distillation, 192 f.
- Division of labour, 25, 128, 130
- Dnieper, river, trade, 241 f.; fishing, 288
- Dokimasia*, 376
- Dole, payment to citizens, 15
- Dolines*, or *poljens*, 45
- Dolopian pirates, 268, 308
- Dorians, 210, 217
- Dowry, 44
- Drangae, tin from, 117
- Dressmakers, 135
- Dry farming, 46
- Ducks, 76
- Dyeing, 135, 189
- Dyrrhachium, asphalt, 114
- Dysorum, silver at, 95
- East wind, dangerous, 300
- Economic interpretation of history by Plato, 25
- Economic theory of Greeks, 24, 33
- Education, cost of, 363
- Eels from Boeotia, 5
- Egibi Sons, bankers, 334
- Egypt, horses from, 65; olives, 77; byssos, 202; trade, 212; gold, 214; grain, 235, 263; timber trade, 278; linen, 300; copper, 329
- Eisagogeis*, 359
- Eisphora*, 107, 352, 381
- Ektropai*, 250
- Elba (Aethalia), copper, 113; tin, 117 n. 5; iron, 122
- Elea, colony of Magna Graecia, 220
- Electrum, 118; from Sardes, 233; money, 312
- Eleusinian Mysteries, 4
- Eleusis, rent of farm at, 44; building accounts, 126, 130 f.; slave labour at, 161
- Elis, farming in, 48; mid-winter ploughing, 54; pastures, 61; horses, 63, 65; mules, 72; coal, 123; byssos, 184; famine in, 277
- Elisha, isles of, purple from, 300
- Ellimenia*, 257
- Elyros in Crete, famine, 277
- Emeralds, 300
- Emporium, 221
- Emporos*, 141, 216, 231
- Encaustic, 176
- Encycchia*, 377, 387
- Emphaino*, 182
- Ephesus, Demetrius of, 142; artificial cinnabar, 190; supplants Miletus, 241
- Epidamnus, asphalt, 114; Corinthian cleruchy, 224, 245; timber from, 280
- Epidaurus, building at, 129
- Epidosis*, 385
- Epimeletai*, 200
- Epinetron*, 180
- Epirus, cattle, 60; horses, 63; famine, 277
- Epizephyrion, colony of Magna Graecia, 220
- Eponion*, 375, 386
- Erechtheum, building accounts, 126, 164
- Eretria, fishing, 288 f.
- Erineas, asphalt, 114
- Erioplutes*, 179
- Erythrians, Athenian protection to, 268
- Etesian winds, 6, 243
- Ethiopia, gold mining, 93
- Etna, Mount, forests of, 280
- Etruria, Attic pottery in, 297
- Etruscans, hostile to Greeks, 245; pottery, 295
- Euboea, granary of Athens, 49; wheat, 55; *hippobotae*, 63; cattle and horses, 64, 68; decay of, 87; supposed copper in, 113; asbestos, 114; iron, 122; apples, 233; lost to Athens, 261; monetary standard, 317
- Eubulus, Athenian financier, 355, 390
- Euemerus, the Fortunate Isle, 29
- Eupatrids, 41
- Euripides, humane views on slavery, 150, 152
- Euripus, river, 48

## Index

405

- Euthuni*, 358  
 Euxine, tunny, 6; fish, 146; colonies in, 240 f., 303  
 Evagoras of Cyprus, 262  
 Exchange, blocked, 228; money-changing, 338 f.  
 Ezekiel, prophet, 182; trade of Tyre and Sidon, 299
- Faience, 238  
 Fallow, 54  
 Farms, size of, 43  
 Felt, 183  
 Fertiliser, use of, 53  
 Festivals, number in Athens, 364  
 Feudal aristocracy in Attica, 42  
 Fiftieth, tax, 256, 274  
 Figs, 5, 41; sellers, 77, 136; from Rhodes, 233; trade in, 284  
 Firewood, 198  
 Fish, trade in, 286 ff.  
 Fishing nets, 136  
 Fishmongers, 136, 146, 289  
*Flagellum*, flail, 57  
 Flax, cultivation of, 58; hackling, 185; ropes, 202; from Phasis and Colchis, 233; trade in, 291  
 Fleet, cost of upkeep of, 362  
 Flour sellers, 136; milling, 193; fine, from Carthage, 233, 264  
 Folds, sheep, 69 f.  
 Francotte, H., building in Athens, 130; pottery, 178; small-scale production, 165; industry in Corinth, 237  
 Free trade, in ancient world, 255  
 Fulling, 135; fuller's earth, 183  
 Furs, 293
- Gades, fish, 289; Phoenicians at, 302  
 Gargaliani, asphalt at, 114  
 Garlands, weavers of, 136  
 Garlic from Megara, 58, 233  
 Gaul, fir forests, 280; wool, 291  
 Gazelonitis, wool from, 291  
 Gebal, or Byblos, calkers from, 300  
 Gela, colony in Sicily, 220  
*Gelgopolis*, 137  
 Gelon of Syracuse, 259  
 Geographic factor in Greek culture, 2  
 Geology of Greece, 45  
*Geoponica*, on poultry, 75  
 Geraestus in Euboea, 262  
 Geraneia, Mount, 5
- Gernet, L., on taxation of wheat imports, 274  
 Ghi, clarified butter, 62  
 Gilding, 137  
 Giro, 340  
 Glass, 209, 304  
 Glaze on pottery, 176  
 Glotz, G., size of farms, 43; manumissions, 159; iron in Homer, 121; cost of living, 133  
 Glue, 197  
 Goats, 41, 61; goat's hair, 184  
 Gold, 89; from Egypt, 214  
 Golden Fleece, 213  
 Gomme, A. W., Isthmic theory, 248; population, 21 f.  
 Gortyna, famine, 277  
 Grain, imports from Pontus, 20, 228; raising in Greece, 47 f.; production, 50; price of, 132 f.; public distribution, 147; trade in, 258 ff.  
 Granicus river, 217  
 Gresham's Law, 329  
 Grundy, G. B., on population, 21; vine and fig culture, 82; Greek farming, 83  
 Guilds, trade, 140  
 Guiraud, P., division of labour, 130; cost of living, 133  
 Gyaros, iron in, 122  
 Gyges, wealth of, 91  
*Gymnasiarchia*, 378  
*Gynaikonomi*, 360  
 Gypsum, in stucco, 203; used in fulling, 183
- Haliartus, pastures in, 64  
*Halonetos*, a salt slave, 124  
 Hamaxia, cedar from, 279 n. 5  
 Hanno, *Periplus* of, 301  
 Hanse merchants, 212, 225  
 Harpalus distributes famine relief, 277  
 Harvest, women workers in, 137  
 Hasebroek, J., use of *miltos*, 103; Greek trade, 222 ff.; expedition to Cythera, 264; Sardes, 313; Pheidon, 316; management of money, 332  
*Haute-lisse*, weaving, 181 n. 2  
*Hecatoste*, 386  
*Hectemori*, 41  
 Heketyrioi, famine at, 277  
 Hellenistic era, 8  
*Hellenotamiae*, 358

- Hellespont, route to tunny fisheries, 6; mackerel, 234; trade route, 244; isthmian theory, 247; command of, by Athens, 265  
*Hellespontophylakes*, 268  
 Helmets, 207  
 Helots, 158  
 Hemeroskopeion, Spanish colony, 221  
*Hemitetartemorion*, 328  
 Hemp, 202, 283, 291  
 Heraclea, colony on Propontis, 219; grain from, 275; fish from, 287  
 Heracleides, Athenian banker, 344  
*Herakleia*, 185  
 Hermione, famine at, 277  
 Hermippus, comic poet, 234  
 Hermon, Mount, fir from, 299, 305  
 Hermus, river, 217  
 Hero of Alexandria, screw press of, 192  
 Herodes, mime, 173  
 Herodotus, on manual labour, 11; flax growing, 58; fat-tailed sheep, 67; gold, 90 f.; mines of Dysorun, 95; cotton, 185; silent trading, 211; Gelon of Syracuse, 259  
 Hesiod, conditions in Boeotia, 40; fallow, 54; sowing, 54; *oreichalkos*, 118; Hercules and Cycnus, 250  
*Hetairae*, 135, 138  
*Heteromallos*, 183  
 Hides, 293; from Carthage, 304; sale of, 172  
*Hieropoei*, 62, 359  
 Hinges, 197  
*Hippeis*, 361  
 Hippias, debasement of coinage, 331  
 Hippobotae of Euboea, 63  
 Hiram of Tyre, lumbering in Lebanon, 278 n. 4; timber transport, 283  
 Hire, pastures in, 64  
 Histiaea, trade route round, 261  
 Histiaeus of Miletus, 280, 308  
 Hittites, 119, 218  
*Hodopoei*, 251, 359  
 Holidays, number in Athens, 131  
 Hollow casting, 208  
 Homer, irrigation, 56; winnowing fan, 57; cattle, 60; cheese, 62; horses, 64 f.; sheep, 67 f.; swine, 71; goats, 73; poultry, 76; olives, 76; vintage, 81; bronze, 112; tin, 115; iron, 120, 205, 212; ivory, 137; slavery, 150; potter, 174; loom, 180; weaving, 185; hand mills, 194; shipbuilding, 198; commerce, 210; geography of *Odyssey*, 213; siege of Troy, 213, 239; fish, 286; manual labour, 10; landownership, 40; Argos, 49; gold, 89, 314; tanning and leather, 171; net of Hephaestus, 206; Phoenicians, 302; piracy, 307; money standards, 313  
 Homosexuality, effect on population, 24  
 Honey, 73; sellers of, 136  
 Horses, breeding, 63 ff.; from Armenia, 300  
*Hubris*, 157  
 Hume, David, 20, 152  
 Hyacinth, dye, 190  
*Hydrargyros*, quicksilver, 119  
 Hymettus, honey, 73; marble, 290  
 Hyperbius, reputed inventor of potter's wheel, 237  
 Hyrtake, famine at, 277  
 Iambulus, Sun state, 29  
 Iberia, hemp from, 59  
*Ichthyopolis*, 136  
 Ida, Mount, iron, 119; tar from, 201; timber, 279  
 Idalium, Phoenician colony, 302  
 Imbros, crops in, 50; Athenian cleruchy, 224; capture by Miltiades, 265; occupied by Athens, 267  
 Incense, sellers of, 136; from Syria, 234  
 India, copper, 113; iron, 205; trade with, 212 n. 1  
 Indigo, 190  
 Infanticide, 23  
 Inflation of coinage, 327  
 Insurance, of runaway slaves, 164; marine, 349  
 Interest on money, Aristotle on, 29; Plutarch, 337; rates, 342; on shipping loans, 347  
 Ionia, settlements in, 217; timber from, 280; pottery trade, 297; revolt of Greek colonies, 303; invention of money, 311  
 Ionian Islands, 212  
 Iphicrates, a pirate, 309  
 Iris, orris root as dye, 245  
 Iron, 119 f., 204 f., 315; as money, 321 f.  
 Irrigation, 56

## Index

407

- Isaesus, interest rate, 342; Sumathes a banker, 344; liturgies, 376  
*Isatis*, woad, 190  
 Ischomachus, Athenian farmer, 38 f., 79, 86, 137, 139, 156, 301, 378  
 Isocrates, orator, on craftsmen, 178; on Athens, 253; on Megara, 255; piracy, 309; *Trapeziticus*, 340 f.; fees for teaching, 364; liturgies, 376; on Antidosis, 384, 392  
 Ister, Istros, Milesian colony, 219, 241; fisheries, 288  
 Isthmic theory, 247 f.  
 Ithaca, 65, 214 n. 9  
 Iton, mother of sheep, 67  
 Ivory, in Homer, 137; Libya, 234; Carthage, 304  
  
 Jardé, A., rye, 51; vine and fig culture, 82; Greek farming, 83  
 Javan, 300  
 Joel, prophet, barking of fig trees, 78; palmer worm, 81  
 Joint Stock system of finance, 31  
 Juvenal on Greeks, 9  
  
*Kadopoios*, potter, 176  
*Kalametrides*, 137  
*Kalasireis*, 187  
 Kalche, murex from, 113  
*Kapelos*, 230  
 Karystos, asbestos at, 114  
 Kassiterides, 115  
*Kermes*, dye, 190  
 Kertch, Straits of, fisheries, 287  
 Kiln, pottery, 177  
*Kinnabari*, cinnabar, 190  
 Kittim (Cyprus), boxwood from, 300  
*Kothonopoios*, 177  
 Krenides, gold mines, 92  
*Kuanos*, lapis lazuli, 205, 215  
 Kurdistan, copper from, 113  
  
 Labour, 125 ff.; in mines, 107; state interference with, 142; forced, 144  
 Laconia, early art in, 3; iron, 121; women in, 139; vases from, 209  
 Lade, battle of, 239  
 Laestrygonians, 213  
*Lampadarchia*, 376  
 Lampsacus, electrum coinage, 327  
 Land, ownership problem, 7, 40; division of, 44; holding in Plato, 28; Metics on, 147; leases of, 44; trade on, 5; transport, 249 f.  
  
 Lanoline, 193  
 Laodicea, sheep in, 292  
 Laos, isthmic theory, 247  
 Lapethus, Phoenician colony, 302  
 Lapis lazuli, *kuanos*, 205, 215  
 Large-scale production, lack of, 179  
 Larissa, famine, 277  
 Larnaka, Phoenician colony, 302  
 Latium, timber, 280  
*Laurai*, 99  
 Laurium, mining district, 4, 235; beekeeping, 74; silver mines, 95 ff., revenue from, 106, 372; iron, 121; Metics working at, 146; slave revolt, 158; slave labour, 164 f.; cinnabar, 190; silver for coinage from, 319 f., 326  
 Law courts, revenue from, 372  
 Lead, price of, 102  
 Leaf, W., on Corinth, 237  
 Leases, land, 44; mining, 104  
 Leather working, 170 f.  
 Lebanon, timber from, 278, 299, 305  
 Legumes, 54  
 Lemnos, grain from, 49, 224, 265, 267 f.; *sphragis*, 103  
 Leptis Magna, Phoenician colony, 302  
 Lesbos, Achaean settlement, 217; wine, 218, 232, 294; famine, 277; marble, 290  
 Leucas, Corinthian cleruchy, 224; famine, 277; timber from, 280; wine, 294  
 Leucon and the grain trade, 266, 269  
 Libya, horses from, 64; copper, 113; trade, 212; furs, 293  
 Liguria, amber, 123; coal, 123; timber, 280; Attic pottery in, 297  
*Liknon*, 57  
 Linen, 184 f., 290  
*Lithostrotos*, 250  
*Litra*, Syracusan coin, 325  
 Liturgies, 18, 107, 146, 375 ff.  
 Lixus, Phoenician colony, 302  
 Loans, security for, 342  
 Locris, grain, 48; horses, 64  
 Lodging houses for seamen, 145  
*Logistae*, 358  
 Loom, weaving, 180 ff.  
 Lycaonia, asses of, 72  
*Lychnites*, Parian marble, 290  
 Lycurgus, Attic statesman, 97, 355, 373, 390

- Lycurgus of Sparta, 321, 357  
 Lydia, gold, 91; wool, 291; invention of coins, 311  
 Lysander, 309  
 Lysias, orator, case agst. Diogeiton, 133, 265; agst. wheat dealers, 262, 271 ff.; expense of liturgies, 376  
 Lysicles, a sheep dealer, 13  
  
 Macedonia, 8; timber from, 197, 202, 235, 279, 282; tar, 201; trade of, 212; flax, 291  
 Machinery and slave labour, 4, 167  
 Madder, dye, 190  
 Maeander, river, 217  
 Magna Graecia, 220; grain from, 259; sheep, 291  
 Mago, writer on farming, 304  
 Mainake, Phocaeen colony in Spain, 221  
 Malaria, 85  
 Maleia, Cape, stormy, 237, 242; pirates, 249  
 Malthus, Thomas R., 8, 23  
 Mantinea, grain growing, 49  
 Manual labour, prejudice against, 10, 127  
 Manure, fertiliser, 47  
 Marble, 290  
 Marjoram from Tenedos, 233  
 Market, labour at Athens, 161; women's, 135; slave at Sunium, 153 n. 1; sacred, 212  
 Maroneans join in convoy system, 268  
 Maroneia, silver from, 95  
 Marshall, Alfred, 1  
 Masonry, iron dowels for, 209  
 Massalia, tin trade, 116; shipbuilding, 201; Phocaeen colony, 221, 248; pottery trade, 298  
 Mauri, A., on cost of living, 133  
 Mediterranean, rainfall in, 46  
 Megara, agrarian revolt, 40; deep working of soil, 53; sheep, 68, 291; slaves, 163; garlic and cheese, 233; wealth of, 255; famine, 277; fishing, 288; clothing industry, 292; return interest, 343  
 Megarian decrees, 253  
*Meleagrides*, poultry, 75  
 Meliboea, famine, 277  
 Melic poultry, 75  
 Melos, agriculture, 50; stone from, 101; iron, 122; marble, 290  
 Mende, wine, 294, 347  
  
 Mentès of Taphos, 113, 120, 212  
 Merchant class, 231 f.  
 Merino sheep, 67  
 Mermnadae of Lydia, 313  
 Meroe, island, copper in, 113  
 Mesembria, salt from, 124, 219  
 Meshech, in Euxine, 300  
 Mesopotamia, treeless, 278  
 Messana, Greek colony in Sicily, 220  
 Messina, Straits of, 247; tunny fisheries, 288  
 Messenia, cattle in, 61; horses, 63; sheep, 68  
 Methone, 253; imports of wheat from Pontus, 268  
 Metics, 10, 17, 22, 126, 144 ff.; potters, 297; bankers, 336  
*Metoikion*, 147, 375  
*Metronomi*, 359  
 Mictis, unidentified, 116  
 Midas, reputed first to mint money, 312  
 Milesian fort in Egypt, 212, 237  
 Miletus, 69, 238 ff., 241, 292; viticulture, 81; vases from, 209, 212, 248, 296; merchants at Naucratis, 237; oil, 285; fish, 288  
 Milk, in diet, 62; production of, 63; cream sellers, 136  
 Mill, milling, 193; water and wind-mills, 194  
 Millet, 51, 55  
 Miltiades coloniser, 246, 259  
 Miltiades fined, 373  
*Miltos*, 103, 176, 296  
 Mining, 89 ff.; Metics, 146  
 Minium, 102  
 Minoan Age, commerce in, 211, 223  
 Minos suppresses piracy, 306 f.  
*Mischos*, 53  
 Mithradates, war with Rome, 9; water mill, 194  
*Molybdena*, 103  
 Money, coined, 219, 311 ff.  
 Monometallism in Greece, 323  
 Monthly suits, 349  
 Mosaics, 203  
 Mossynoeci, brass, 118  
 Mouflon sheep, 67  
 Mules, 65, 72  
 Murassu, bankers, 334  
 Murex, purple, 189, 220, 233, 302  
 Muslin from India, 185  
 Mycenae, gold, 90; copper, 112; trade, 223

## Index

409

- Myrcinus, on Strymon, 280  
 Myrmidons, 53  
 Mysia, mules, 72; wheat, 264; timber, 279  
 Mytilene, obtains grain from Bosphorus, 267; electrum coinage, 327
- Nails, 206  
 Naples, 220  
 Natron, constituent of glass, 215  
 Naucratis, market for wine, 232; trading centre, 237 f.; connection with Miletus, 241; grain from, 263; wine from, 294; pottery, 296 ff.
- Naukleros*, 141, 230  
 Naupactus, 281  
 Nausinicus, Archon, 382  
 Navigation, in summer, 242; laws, 253  
 Naxos, goats, 73; emery, 206, 290  
 Nearchus, voyage of, 186  
 Newbiggin, Miss M. I., *Geography of Mediterranean Lands*, 3 ff., 57  
 New Comedy, 24  
 Nicias, 108, 164  
 Nitre, fertiliser, 54  
 Nurses, 127, 137  
 Nymphaeum, on Straits of Kertch, 266
- Oakum, Eucrates a dealer in, 13  
 Oats, 51  
*Obeloi*, 316  
 Objets d'art, trade in, 234, 295  
 Ochre, yellow, 190  
 Octroi, *diapulia*, 256  
 Odomanti, gold and silver from, 92  
 Odrysians, wheat from, 265  
 Oetaea, famine at, 277  
*Oikodemos*, 197  
 Oil, olive, in commerce, 5, 284 f.; extraction, 192 f.; from Taras, 220; imports into S. Russia, 241  
*Oisupe*, 193  
 Olbia, Greek colony, 219; blocked exchange, 228, 239; Milesian trade with, 241; fish, 288  
 Olive, cultivation of, 3, 41, 76, 218  
 Olympia, coal at, 123; Philippeum, 174  
 Olynthian war, 327  
 Olynthus, mosaic floors, 203; wealth of, 255; timber from, 282  
*Olyra*, 51
- Onions, 58; from Samothrace, 233  
*Onos*, 180  
 Opis, famine at, 277  
 Opous, plain of, 64  
 Orchil, litmus, 190  
 Orchomenus, sheep, 68  
*Oreichalkos*, 118  
 Oropus, 229, 261 f.  
 Orpiment, 190  
 Orris root, perfume, 246  
*Othone*, 184  
 Over-population, 7  
 Owls of Athens, 95  
*Oxyrhynchus*, fish glue from, 197
- Paeonia, gold in, 92  
 Paerisades, Crimean king, 267  
 Pagasae, export of Thracian wheat through, 47, 217, 234, 260  
 Palestine, salt as fertiliser, 53; mid-winter ploughing, 54; flax, 58; olives, 285; wheat and honey, 300  
*Palinkapelos*, 230  
 Panchaea, the fortunate isle of Eumerus, 29  
 Pandarus, bow of, 73  
 Pangaeus, Mt., gold from, 90, 372  
 Panic grass, millet, 55  
 Panticapaeum, Milesian colony in Crimea, 219, 240; salt fish from, 232, 287; Athenian pottery at, 297  
*Pantopolis*, 137  
 Paphlagonia, acorns and almonds from, 58, 233  
 Papyrus for ropes, 59, 234  
*Parastasis*, 373  
*Paredri*, 358  
 Paros, copper, 114; labour disputes in, 143; wheat imports, 277; marble, 290; wine, 294  
 Parthenon, building of, 130  
 Pasion, Athenian banker, 146, 335, 339, 343  
 Pastures, summer and winter, 59  
 Patavium, wool from, 291  
 Patent, monopoly, 196  
 Patros, rainfall, 46  
 Paul, St, on manual labour, 14  
 Pausanias, cattle in Laconia, 61; mules in Elis, 72; poultry, 74 f.; burned bricks, 173 f.; Cerameicus, 178; byssos, 184; island of Seria, 186; trade with India, 212 n. 1; roads in Greece, 251

## 410

## Index

- Pearls, 300  
 Peisistratus, Athenian tyrant, 63, 95, 265, 318  
*Pelatae*, 41  
 Pellene, wool from, 292  
*Pelles*, furs and hides, 293  
 Peloponnesian war, effect on agriculture, 85  
 Peloponnesus, farming in, 48, 61  
 Peneus, river in Thessaly, pastures by, 63  
*Pentecoste*, tax of fiftieth, 256, 274, 386  
 Pentelicus, marble, 290, 372  
 Peperethus, wine, 294; capture by pirates, 309  
 Perdiccas of Macedonia, 233, 287  
 Perfumes, makers and sellers of, 136, 193, 245  
 Pergamum, gold, 91  
 Pericles, 16, 128, 234, 261, 266, 269, 373, 388  
*Periplus, Maris Erythraei*, 62, 186, 293; of Scylax, 297; of Hanno, 301  
 Persia, rugs and tapestries, 182; monetary system, 325  
 Petra, long fertility of seed at, 56  
 Petrie, Sir F., quoted, 120, 212  
 Phaeacians, 214  
 Phaenippus, Attic landowner, 72, 88, 107, 111, 198  
 Phalanthos, a coloniser, 220  
 Phanagoria, relief from famine at, 219  
 Phasis, flax from, 202, 219; fishing nets, 287  
 Pheasants, 76  
 Pheidias, the sculptor, 145, 178  
 Pheidon, currency system, 316, 329  
 Pherae, pastures in, 65  
 Phiditia, payments to, 322  
 Philip of Macedon, 90, 269, 309, 327  
 Philostephanus of Corinth, early banker, 335  
 Phlius, fertility of, 48; famine at, 277  
 Phocaeans, 221, 248; monetary standard, 320  
 Phocis, grain in, 47; cattle, 61; horses, 64; slaves, 155  
 Phoenicia, Phoenicians, traders, 5; discoverers of Laurium, 95; bitumen, 201; gypsum, 203; in Homeric Age, 211, 299 ff.; command Atlantic, 220, 222; flour from, 264; shipbuilding, 280 f.; pottery, 297  
 Phormio, Athenian banker, 146, 232, 336 ff., 343  
*Phoros*, 389  
 Photius mentions silk, 186  
 Phrygia, wool from, 291  
*Phylarch*, 359  
 Pieria, gold, 92  
 Pigeons, 54, 76  
*Pilema*, felt, 183  
 Pilots of Tyre, 300  
 Pindar, Corinthian inventions, 236  
 Pindus Mts., rainfall, 46  
 Pine, timber for shipbuilding, 278 f.  
 Piracy, pirates, 5, 90, 227, 229, 253, 269, 306 ff.  
 Piraeus, trade of, 254  
 Pisa, shipbuilding, 280  
*Pissaspaltos*, 114  
 Pitch, see Tar  
 Pit props, 198  
 Plague at Athens, 22  
 Plaster of Paris, 203  
 Plataea, famine at, 271  
 Plato, limitation of citizenry, 8; gainful occupations, 11; payment to citizens, 16; *Republic*, 25 ff.; communism, 26; position of women, 26, 138; acquisitive instinct, 27; land system, 28; money, 29 f.; poverty and wealth, 32; slavery, 33, 49, 157 f.; *Phaedrus*, 36; irrigation, 56; deforestation of Attica, 82; *oreichalkos*, 118; women cooks, 137; apprenticeship, 140; *astynomi*, 143; *metoikion*, 147; shoemakers, 172; potters, 178; vision of Er, 180; traffic in arms, 207; glass, 209; colonisation, 224; merchants, 231  
 Pliny, *Nat. Hist.*, *secale*, 51; 3-year crop rotation, 57; *mitos*, 103; copper from India, 113; *plumbum*, 117; *aurichalcum*, 118; Salpe, a female doctor, 138; sheep-shearing, 179; felt making, 183; silk, 186; wooden barrels, 191; workers in bronze, 208; pottery, 236; Italian wheat, 259 f.; timber, 279 f.; marbles, 290; *pelles*, 293  
 Plough, Greek, 56  
 Ploughing, seasons for, 54  
*Plumbum*, 117

## Index

411

- Plutarch, building of Parthenon, 130;  
iron money, 321; custom of  
Cnossians, 337; Demades, 370;  
Lycurgus of Athens, 390
- Po, river valley, 246
- Poetae*, 104, 106, 358, 372
- Police, in Athens, Scythian archers,  
161, 360
- Pollux, leather working, 171; clay  
working, 175; weaving, 185; weight  
of talent, 332
- Polybius, wealth of Attica, 383
- Polycrates of Samos imports Attic  
sheep, 69
- Polymitos*, 182
- Pompey, suppression of piracy, 229
- Pontus, grain from, 20, 235, 261,  
265; honey, 74; timber from, 197,  
279, 327; fishing, 289
- Population of Attica and Greece, 19f.
- Porcelain, 177
- Pornikon*, 375
- Porridge, sellers of, 136
- Poseidonius, Spartan customs, 322
- Potidaea, Corinthian cleruchy, 224
- Pottery, industry, 174 ff.; women in,  
137
- Pottery, trade in, 5, 294 ff.
- Poultry, 74 f.
- Poverty, Aristotle and Plato on, 32
- Precious stones, jewellery, 300, 304
- Press, oil, 192; corner of Thales in,  
285
- Proconnesus, marble from, 290
- Prodromos*, *Protropos*, 191
- Proeisphora*, 385
- Profit motive, 27
- Propylaeum, building of, 129
- Prostactic*, 378
- Proxenos*, 141, 231, 242
- Pruning, 81
- Prytaneia*, 373
- Psammethichus of Egypt, gift of  
wheat to Athens, 263
- Pseudargyros*, zinc, 118
- Psilos*, 183
- Ptolemies of Egypt, 8, 143; Philo-  
pator, shipbuilding, 200; mono-  
polies, 285
- Public finance, 37, 352 ff.
- Pump unknown in Greece, 101
- Purple dye, see Murex
- Pylos, wheat in, 49
- Pyrrhus of Epirus, 306
- Pythian games, 63
- Quicksilver, 119
- Rain system, of Greece, 46; of  
Adriatic, 245
- Raisin, introduced by Turks, 87;  
from Rhodes, 233
- Ratio of monetary metals, 328
- Reaping, 56
- Red Sea, *Periplus* of, 62, 186, 293
- Rennet, 63
- Rents of farm lands in Attica, 44
- Resin, 220, 244
- Respondentia, 346
- Rhabdotos*, 182
- Rhaecelus, colony on Thermaic gulf,  
224
- Rhegium, sacred market at, 212,  
219
- Rhodes, iron working, 120; earth-  
quake, 198; shipbuilding, 201 f.,  
244, 256; piracy, 229, 310; bank-  
ing, 254; revolt from Athens, 264,  
277; seizure of grain ships, 269;  
wine, 294; monetary standard,  
320; bottomry bonds, 349
- Rhoecus of Samos, inventor of  
hollow casting, 208
- Rhone, river, hemp from, 59
- Richter, Miss G., pottery technique,  
103, 175, 187
- Ridgeway, Sir W., Phaeacians, 212
- Roads, 249 f.
- Rock crystal, 215 f.
- Roman Empire, slavery in, 151
- Ropes, 59, 202, 291
- Rose, J. Holland, quoted, 6, 305
- Roth, H. Ling, Greek looms, 180
- Rubies, 300
- Rumania, trade with, 241
- Rut roads, 250
- Rye, 51
- Saddle unknown in Greece, 66
- Saffron, dye, 190
- Sails, sailcloth, 202, 234, 300
- Salamis, crops in, 50; battle of, 280 f.;  
Salamis in Cyprus, 275
- Salt, as fertiliser, 53; for animals,  
69; production of, 124; sellers of,  
136
- Samos, raid on Siphnos, 92; wine,  
218, 248; sheep, 291
- Samurai of Japan, 27
- Sand-box casting, 208
- Sardes, 203, 313

- Sardinia, Phocaeans in, 221; Phoenicians in, 302, 305
- Sarmatia, furs from, 293
- Saronic Gulf, 5
- Satrae, gold and silver from, 92
- Satyros, Bosphorian chief, 266
- Scamander, river, settlements by, 217
- Scapte Hyle, gold from, 91
- Scheria, identified with Corfu, 212
- Scidros, isthmian route, 247
- Scione, wine from, 347
- Scironic road, 252
- Scylax, *Periplus* of, 297
- Scyros, goats in, 73; iron, 122; piracy, 267 f.
- Scythia, hemp from, 291
- Sea, influence on Greeks, 5
- Sea Oak, food of tunny, 289
- Secale*, 51
- Seed, selection of, 55
- Seisachtheia*, 42
- Seleucid dynasty of Asia, 8, 62
- Seltman, C. T., monetary debasement of Hippias, 331
- Selymbria forbids export of wheat, 270
- Semple, Miss E. C., influence of geographic environment, 2 ff.; ancient Mediterranean agriculture, 45 f.; stock-breeding, 59 f.
- Seneca, leather money of Sparta, 322
- Seres, Chinese, 186, 293
- Serika dermatata*, 293
- Sesame, a summer crop, 55; sellers of, 136
- Sestos, seizure of, 266
- Sheep, 41, 66 ff., 213 n. 6
- Sheeping-off, 52
- Shield-makers, 206
- Shingles, wooden, for roofing, 204
- Shipbuilding, 198; lumber used in, 279, 299
- Ships, size of, 243
- Shoemaking, 172 f.; female shoemaker, 137; felt shoes, 183
- Sicily, horses from, 65; iron, 122; wheat, 221, 259; timber, 280, 305; fisheries, 288; sheep, 291; Phoenicians in, 302
- Sicyon, 277; fish from, 288 f.
- Sigeum, Athenian cleruchy, 224, 265; isthmian theory, 247
- Siglos, silver, ratio to gold, 325
- Silent trading, 211 f.
- Silk, 186, 291
- Silphium, 298
- Silver, mining at Laurium, 95 ff.; from Damastium, 245; from Spain, 304
- Sinai, copper in, 113
- Sindon*, 185
- Sinope, Milesian colony, 219, 240; timber, 279; fish curing, 287; debasement of coins, 332
- Sinopic earth, 103
- Siphnos, gold, 91; copper, 114; iron, 122; revenues from mines, 372
- Siphon, use of, 101
- Sitona*, 274
- Sitophylakes*, 359
- Sitopolai*, 271
- Sitompompia*, 268
- Sitos*, 51
- Slaves, Slavery, 14, 148 ff.; birthrate of, 24; desertion of, 27; taxes on, 32; Aristotle and Plato on Slavery, 33, 149; for debt, 42; in agriculture, 88; in mines, 108; torture of, 156; state slaves, 161; price of, 162; in Homer, 314
- Smelting, 94
- Smith, Adam, 32
- Smyrna, rainfall, 46; roads in, 251
- Soap, 188, 285
- Socrates, in the *Phaedrus*, 36; on farming, 38 f.
- Soil, study of, 52
- Solon, laws of, 10, 12, 41 ff., 72, 152, 193, 258, 284, 327, 342
- Sophocles, *Oedipus Rex*, 59; *Electra*, 63; *Triptolemus*, 259
- Sostratus, a pirate, 310
- Sowing, 55
- Spain, copper, 114; colonisation, 221; trade, 248; Greek pottery in, 298
- Sparta, isolationist policy, 2, 7, 27; iron money, 27, 321; army rations, 132; nurses from, 137; education of women, 139
- Spartocus, 266, 269
- Spearmaker, 206
- Spelt, 49
- Spengler, Oswald, 36
- Sphragis*, 103
- Spinning, 179
- Spinus*, 123
- Spodos*, 103
- Sporades, 6

## Index

413

- Stasis*, 37  
 State socialism, 371  
 Stater, gold, 323  
 Steel, *Stomoma*, 204 f.  
 Strabo, on Poseidonius, 2; Aegine-tans, 53; wool of Thessaly, 67; Eurycles of Sparta, 87; wealth of former days, 90; gold of Pangaeus, 92; mines of Damastium, 94; of Laurium, 98; iron from Dactyli, 119; iron in Elba and Euboea, 122; water mill, 194; wheat in Cyprus, 263; timber from Colchis, 279  
*Strategi*, 359  
 Strikes, absence of labour, 143  
*Strouthion*, 179  
 Strymon, river, 92, 95  
 Stucco, 203  
 Sugar, 73  
 Sumer, temple banks in, 334  
 Sunium, slave market, 153 n. 1; revolt of slaves, 158; fortification of, 261  
 Sweden, copper coins of, 322  
 Swine, 70 f.  
 Sword-makers, 206  
 Sybaris, cooks at, 196; wealth of, 220, 222; connection with Miletus, 241, 248 f.  
*Sycophant*, 284, 392  
*Symbolai*, 227  
*Symmories*, 379, 383  
*Syngraphe*, 346  
*Syntaxeis*, 389  
*Synteleia*, 379  
*Syntrierarchy*, 379  
 Syra, iron in, 122  
*Syracosa*, ship of Hiero, 200, 209, 280  
 Syracuse, colony in Sicily, 220; pork and cheese from, 233; gold coinage, 326  
 Syria, balm, 233; timber from, 280  
 Syrtes, tunny fisheries, 289
- Talanton*, talent, in Homer, 315  
 Tamassus, Temesa, 302  
 Tanagra, 277  
 Tanais, river Don, 219; fisheries, 288  
 Tanning, 170  
 Tapestry, loom, 181; from Persia, 182; from Carthage, 304  
 Taphians, pirates, 212, 307  
 Tar, pitch, 201, 244, 282 f.  
 Taras, Tarentum, lamp parts from, 208; import of Attic vases, 297
- Tarichemporoi*, *Tarichegoi*, *Tarichopolai*, 289  
 Tarn, W. W., quoted, 8 n. 2, 24, 168, 243  
 Tarshish, 300  
 Tartessus, 114, 116, 221, 301  
 Tauromenium, Greek colony, 220  
 Taurus, silver from, 214  
 Taxation, on slaves, 153; farming, 356; Athenian system, 371 ff.  
*Taxiarch*, 359  
*Telonarches*, 357  
 Temesa, Tempsa, 113  
 Temples used as banks, 324  
 Tenant farming, 44  
 Tenedos, marjoram from, 233  
 Tents, 184  
 Teos, metal vases, 209; curse on magistrates, 270, 308; taxes, 387  
*Terra rossa*, 45  
 Textiles, trade in, 290  
 Thales of Miletus, 285, 313  
 Thasos, gold, 91; shares in convoy, 268; marble, 290; wine, 294; revenues, 372  
 Themistocles, 33, 76, 96, 308, 335  
 Theocritus, *Idylls*, 54, 65, 70, 75  
 Theodosia, Milesian colony on Sea of Azov, 219, 240; salt fish from, 232, 287; Leucon remits port dues, 267  
 Theognis, revolution at Megara, 40  
 Theophrastus, *Characters*: 62 n. 1; 124 n. 2; 135; 155 n. 1; 172; 182; 188; 203; 282; 318 n. 2; 325 n. 1; 343; 385 n. 4  
 Theophrastus, *Hist. Plant. : de Causis Plant. : degeneration of wheat into darnel*, 52; ploughing, 54; fig culture, 77 f.; viticulture, 78 ff.; tanning, 170 f.; *strouthion*, 179; *herakleia*, 185; cotton, 187; cochineal, 190; timber and wood-working, 196 ff.; glue, 197; charcoal, 198; resin, 202; Pontic wheat, 265 n. 6; timber for ship-building, 279 ff.; olives of Cyrenaica, 285  
 Theophrastus, *de Lapidibus*: minium, 102; copper from Chalcedon, 113; asphalt from Erineas, 114; quick-silver, 119; coal, 123, 205; slaves at Laurium, 160; cinnabar, 190; dyes, 196; rock crystal, 209; electrum, 246 n. 2

- Theophrastus, *de Odoribus*: goatskins, 171 n. 13; crocus, 190; lead as salve containers, 209; perfumes from Aegina, 236
- Theophrastus, *de signis tempest.*, 76 n. 9
- Theopompus, pirate of Miletus, 309
- Theoric fund, 369
- Thera, famine at, 277
- Thesmothetae, court of, 349
- Thessaly, farming in, 47; cattle, 61; horses, 63; sheep, 67, 291; de-population, 87; wheat, 260; timber, 279, 281
- Thetes, 43
- Thomas Aquinas, St, 30
- Thrace, agriculture, 23, 55, 63; gold, 90; miners from, 95; asphalt, 114; wheat, 264; flax, 291; silver, 331
- Thranos*, 170
- Threshing, 56
- Thucydides on piracy, 307
- Thulakophoroi*, 100
- Thunniskopeia*, 289
- Thurii, gypsum from, 203
- Tiles, 204
- Timber, from S. Italy, 220; necessary to Athens, 235; from Black Sea ports, 244; trade in, 278 ff.; transport, 283
- Timemata*, 373, 383
- Timotheus of Athens, 282; issues copper coins, 327
- Tin, 115 f.; from Bohemia, 246; tin-plating, 209
- Tingis, Carthaginians at, 302
- Tiphe*, 51
- Tiryns, copper and bronze, 112
- Tod, M. N., on guilds, 140 f.
- Togarmah, horses and mules from, 300
- Token coins at Athens, 328
- Tokos*, use of word by Aristotle, 32
- Tomi, Greek colony, 219
- Tools, shoemaker's, 172; carpenter's, 197; blacksmith's, 206
- Torture of slaves, 156
- Tow, 201
- Trade, balance of, 354
- Trade money, 324
- Trade routes, 243
- Trade unions, 141
- Transport by land, 252
- Transylvania, gold from, 90
- Trapeza*, see Banking
- Trapeziticus*, speech of Isocrates, 340 f.
- Trapezus, 219; fishing, 287
- Tribute of Allies in Delian League, 387 f.
- Trichaptos*, silk, 186
- Trichonis, Lake, in Aetolia, 48
- Trierarchy, 378
- Trieropoioi*, 200
- Trinacria, Odysseus shipwrecked on, 286
- Troizen, famine at, 277
- Troy, Trojan war, 247
- Truck farming, 50, 57
- Tubal, in Euxine, 300
- Tunny fisheries, 6, 219, 287
- Turdetania, copper, 114; iron, 122; tar, 201; sheep, 291
- Turks in Greece, 87
- Tyranny and money economy, 313
- Tyras, Milesian colony, 219, 241
- Tyre and Sidon, sea trade, 211, 275, 299, 302, 305
- Underfiring in mining, 100
- Ural Mts., gold in, 213
- Ure, P. N., on tyranny, 95; Peisistratus and Phye, 319 n. 3
- Usury, 30
- Utopias, Greek, 29
- Varro, on Greek cheese, 62; Pyrrhic sheep, 68; poultry keeping, 75
- Vases, metal, 209
- Vectis, 116
- Vegetables, growing of, 127; sellers of, 136
- Verdigris, 190
- Vine, viticulture, 3, 41, 78 ff.
- Vineyards, women working in, 127, 137
- Vitruvius, wattle and daub, 203; dovetailing, 197
- Volaterrae, tunny fishing, 289
- Wages, 131 f., 164 f.
- Wappenmünzen, 319
- War munitions, export of, 207
- Water pipes, 209
- Wattle and daub, in construction, 203
- Wax, in shipbuilding, 202, 283; from Sybaris, 220
- Wealth, division of, 32
- Weaving, 179 f.

## Index

415

- Welding, 208  
 Wheat, two months', 49; spring and winter, 55; rust, 56; Achillean, 56; prices, 133; control of trade in, 274, 277; preferred to barley, 274  
 Wheel, potter's, 174  
 Wind system of Mediterranean, 6, 242 f.; Etesian, 6, 243; "East wind", 300  
 Windlass, 100  
 Wine, 5; manufacture of, 136; trade in, 190, 218, 220, 293 ff.; from Damascus, 300  
 Wire, 206  
 Wood, *isatis*, 190  
 Women, position of, in Greece, 36; labour of, 134 f.  
 Woodworking, 196  
 Wool, 220, 241; dressing, 127; washing, 179; trade in, 291 f.; from Damascus, 300  
 Woollens and worsteds, 184  
 Woolley, Sir L., quoted, 295
- Xantis*, 179  
*Xenikon*, 147, 375  
 Xenocrates of Chalcedon, 357  
 Xenophantus, an itinerant potter, 295
- Xenophon, membership of Assembly, 12; *Oeconomicus*, 38; farming in Attica, 48; winnowing, 57; *on Horsemanship*, 66; *Revenues*, 97, 109, 389; *Memorabilia*, 134; apprenticeship, 139; Metics, 145, 148; slaves, 152 f.; Laurium, 160; shoemakers, 172; cooks, 195; colonisation, 224; *Resp. Athen.*, 227, 234; trade, 234, 260; docks at Piraeus, 252, 257; Chalcidice, 265; grain dealers, 271; Phoenician ships, 301; Alexander of Pherae, 309; value of gold, 324; local coinage, 325; moneylending, 336; commercial courts, 350; losses by war, 353; cost of cavalry, 362  
 Xerxes, 59, 64, 266, 280
- Zacynthus, asphalt from, 114  
*Zeia*, 51  
 Zeno, philosopher, lends on bottomry, 337 n. 2  
 Zenon, Egyptian bailiff, 294  
*Zeugites*, 43  
 Zimmern, Sir A., defence of slavery, 154; merchants' marks on pottery, 179; liturgies, 380 n. 1  
 Zinc, 112 f., 117