

- Terraces, of Champlain period, 981, 985, 986, 991*
- Terrane, 90§
- Terranous, 61§, 89§-116; stratified, 90; unstratified, 116
- Terrestrial life rarely fossilized, 141, 525
- Terrigenous, 144§
- Terror Mt., height of, 296
- Tertiary era, 188, 202, 339, 347, 350, 364-366, 380, 381, 392, 407, 408, 409*, 411, 822, 823, 829, 831, 857, 879; subdivisions, 880; N. America, 880; foreign, 919; general observations, 928; Tertiary elevation continued into Glacial period, 946. See also Miocene; Pliocene
- eruptions, 876; in western America, 340; igneous outflows in the Deccan, 299
- fresh-water lakes of N. America, 202, 882
- mountain-making, foreign examples of, 367-369, 769, 812; orogenic and epeirogenic movements, 932-939; orographic movements along the Pacific mountain border, 364-366
- Teschenyte, 88§
- Testudinates, 767, 901*
- Testudo, 901; Atlas, 923; bronx tops, 901*, 902; Stricklandi, 787, 790
- Tetrabranchs, 424§, 425*, 781, 869 (pass their climax)
- Tetracoralla, 431§, 718
- Tetractinellids, 431§, 432*
- Tetradecapods, 420§*, 421, 423§, 438§, 439, 525, 574, 707, 720, 721, 724, 725
- Tetradium, 501, 505; cellulose, 515; columnare, 514; fibratum, 511*, 515
- Tetragraptus bryonoides, 500; fructicosus, 500
- Tetrahedrite, 335
- Tetrapterus priscus, 925
- Texas, mean height of, 23; Archean in, 444, 446, 447; Cambrian, 464, 466, 469, 477, 484; Upper Silurian, 537; Devonian, 575, 580; Subcarboniferous, 637; Carboniferous, 648, 690, 693; Permian, 660, 685, 687, 688; Triassic, 660, 746; Cretaceous, 817, 824, 854; disturbances in, 868; Tertiary, 884, 885, 888; Quaternary, 878
- Textularia, 855; globulosa, 432*
- Thalassie, 535§
- Thalassophyllum clathrus, 582
- Thames River, Conn., 461, 949
- Thames River, Eng., 191
- Thamnaconus, 777, 778 (number of British); concinna, 790; gregaria, 790
- Thanet sands, 920, 925
- Thanetian group, 925
- Theca, 481, 514, 521, 707; parvula, 514, 516
- Thecidium family, 779
- Thecodontosaurus, 773; gibbifrons, 754
- Thecodonts, 754§
- Thecosomella, 777, 778 (number of British); annulata, 790
- Thelodus parvidens, 566*, 567
- Thelyphonous, 728
- Thenaropus heterodactylus, 692
- Thermal waters, 258, 305-309, 334, 335
- Theromora, 688
- Theromores, 707
- Thian-Shan Mts., 32
- Thick-bedded structure, 925
- Thielson, Mt., 266
- Thimble Islands, degradation at, 260; pot-holes of, 949
- Thinohyus, 911, 918
- Thinolite, 133*
- Thoracosaurus, 848
- Thorium, 449
- Thraclia Conradi, 983; curta, 984; depressa, 791
- Thrissops, 417*
- Thrust-planes, 534
- Thula, 840
- Thuringia, Permian in, 706
- Thuyites, 777
- Thysanura, 419, 702
- Thysetes verrucosus, 567
- Tiaropsis, 429*
- Tibet, 26, 32; Silurian of, 368; Triassic in, 770; Jurassic, 791; folded Nummulitic beds of, 521, 920; Mammals of, 986
- Tiburtine, 79§
- Ticholeptus beds, 886, 894, 895
- Tick, 420
- Tidal wave and currents, 43, 210; on Lake Michigan, 202
- Tide and currents in the Cambrian, 484; Devonian, 629, 630
- Tierra del Fuego. See Fuegia
- Tile clay, 663
- Tile-flish, 56
- Tilesstones, 563, 566
- Tillibiche, coral limestone at, 347
- Till, 81§, 251§
- Tillodonts, 908, 904, 917, 918
- Tillotherium, 904, 918; fodens, 904*, 905; latidens, 904*, 905
- Timber Belt beds, 888
- Time, geological, subdivisions of, 404; ratios and length, 1023
- Timpahute Range, 366*, 469
- Tin, 83, 88, 336, 343
- Tinaoro Island, 296
- Tinoceras, 907§, 918; anceps, 907; grandis, 907; ingens, 906*, 907
- Tinodon bellus, 767*
- Tionesta basin, 947
- Tipula Caroline, 906*
- Tipulidae, 900
- Trilobites Cassianus, 773
- Tisiphonia, 432*
- Titanic acid, 86; iron, 70§, 449, 450
- Titanichthys, 618; Clarki, 619
- Titanite, 67§
- Titanium, 70, 455
- Titanopasma Fayoli, 701, 702*
- Titanosaurus, 867
- Titanotheres, 907, 908, 909, 918
- Titanotherium anceps, 907; giganteum, 908*, 909
- Titanotherium beds, 886, 893, 908, 910, 918
- Tithonian group, 779, 791
- Titleaca, Lake, 26, 347, 627
- Toarcian group, 775; (Upper), 790
- Todi-Windgellen group of mountains, 867
- Tofua Island, 296
- Toluca, Mex., 265
- Tom, Mt., 802; Ridge, 801*, 803, 804, 805, 806, 807
- Tombigbee River, 895, 899; sands, 815, 823, 854
- Tomitherium, 918
- Tonga Islands, 37, 350, 374
- Tongrian group, 884, 926
- Tongue River, 266
- Tonto group of Gilbert, 447, 469
- Topaz, 68, 66§, 888
- Topazolites, 812
- Torbanite, 662
- Tornoceras mithrax, 591
- Torosaurus, 847; gladius, 846*
- Torowap fault, 362, 368*
- Torre del Greco, 294
- Torres Strait, 937
- Torrid zone, 46§
- Torridonian group, 457
- Torsion, 105, 106*, 107, 371; effects of, in ice, 371, 372*; in strata, 105, 106*, 371
- as an explanation of the zigzag arrangement of continents, 394, 395
- Tortoises, 787
- Tortone blue marls, 926
- Tortonian group, 884, 926
- Totoket Ridge, 801*, 802, 803, 806
- Toucan, 54
- Touraine, 926
- Tourmaline, 68, 66§, 82, 88, 160, 312, 320; crystals displaced by quartz, 138*; rocks, 82, 88
- Tourmalyte, 88§
- Toxaster Campicheii, 865; complanatus, 865
- Toxoceras bituberculatum, 862*, 865
- Toxodon, 927
- Toyabe Range, 365
- Tracheates, 419§
- Trachelomonas levigata, 163, 164*
- Trachodon mirabilis, 846
- Trachyceras, 756; aenoides, 774; Archelaus, 774; balaticum, 774; binodosum, 774; Canadense, 765; Curionii, 774; Reitzi, 774; trinodosum, 774; Whitneyi, 757*
- Trachyte, 80, 84§, 86; difference in density of glass and stone states of, 265; relation to granite, 814
- Tracks. See Footprints
- Trade winds, 50, 51, 159, 166
- Trails. See Footprints
- Transition rocks, 408§
- Translation-waves, 218
- Trans-Pecos region, 824, 874
- Transportation by currents of water, 169, 189
- by glaciers, 247; by waves, 222
- of, and by, plants and animals, 156