

Saunders, William	105	Stratosphere weather	288	Ultraviolet radiation, nicotine	169	Wellman, F. L.	308
Schafer, J. P.	335	Stroboscopic photography	127	Una Vida pueblo	257	Wenner, Frank S.	81
Schindler, H.	207	Strong, W. D.	22	U. S. Geological Survey	400	Wetmore, Alexander	330
Schmidt, Erich	20	Structure of solid bodies	260	Urey, Harold G.	31	Whale, bow-head	303
Schonland, B. F. J.	213	Strychnine	374			Wheat	105, 139, 320
Schriever, William	418	Studhalter, R. A.	240			Wheeler, Sir William	281
Schultz, C. Bertrand	118	Submarine quakes	53, 84, 235, 272, 308, 341	Vaccines	293, 399, 407	Wheeler, William Morton	373
Schulze, Wilmer H.	257	Subov, N. N.	385	Valenzuela, Juan	282	Whiskey-jack	314
Schwartz, Henry G.	80	Sugar saves thirsty plants	20	Vallarta, M. S.	351	White, Milton G.	256
Schwartz, Herbert F.	245	Sugarman, Edward I.	342	Vallois, Henri	146	White, William Charles	164
Schwartz, Louis	361	Suicide	240	Vampire bats	370, 407	White pine	346
Science, Hall of	21	Suk, V.	57	Vanadium	230	Whitney, Willis R.	49, 319
Science review 1932	399	Sulfur dioxide not hazard	107	Van Allen, James	314, 345	Whooping cough	152, 250
Scientific leadership	165	Sullivan, Elizabeth T.	79	Van Biesbroeck, George	228, 229	Wiertelak, Jan	309
Scientific meetings	401	Sun age	304, 336	Van Duzer, William A.	368	Wilbur, Genevieve	169
Scientific moving pictures	325	Sundwall, John	289	Van Leeuwen, E. R.	101	Wild ducks, killing	104
Scientific Utopia	165	Sunspots	117, 393	Vasiljev I.	20	Wilders, Harris H.	114
Scott fund expedition	265	Super-radium	351	Vaughan, Janet M.	325	Willd, R.	375
Scouts map craters	56	Superstition	274	Vauquelin, M.	246	Williams, Roger J.	22
Scripps Inst. Oceanography	309	Supplee, G. C.	276	Vegetables, diseased	155	Willstätter, R.	361
Sea level location	423	Sutton, H. B.	57	Vegetables for anemia	20	Wilson, L. T.	276
Sealand	419	Swartz, VeNona W.	21	"Velvet tree," Russian	31	Wilson, Olin C.	53
Seed, effect of ultraviolet	148	Swift, Edgar James	274	Ventilation standards	207	Wind measurement	320
Seefström, N. G.	232	Swinging roof	280	Venus myth	84	Winfrey, Robley	249
Seismographs, automatic	81	Swiss power plant	271	Victoreen, Ernest	369	Winthrop	230
Sellards, E. H.	378	Szent-Gyorgi	115	Viljoen J. P. T.	213	Witchcraft in England	81
Serum, antipneumococcic	362			Viruse disease	58, 101, 146	Wonders of medicine	272
Sex determination	342	Taeuber, Irene Barnes	129	Vitamin A	229, 260, 325	Woolly bear caterpillars	250
Sex hormones	100, 342	Talbot, H. W.	275	Vitamin C in orange juice	115	Woolly mammoth—picture	255
Shannon Raymond C.	293	Talking movies	351	Vitamin D	276, 393, 399, 407	Woolson, L. M.	305
Shapley, Harlow	16, 337	Tamm, E.	260	Vitamin E	276	Work shop of Stone Age	159
Sharks	273	Tantalum	230	Vitamin in spinach	20, 386	Working, Earl B.	357
Shay, F. G.	132	Taylor, Isaac	278	Vocational talent	48	Working week of 35 hrs.	389
Shear, T. Leslie	48	Taylor, John Bradshaw	329	Vogel, Herbert D.	241	Workman, W. G.	7, 372
Sheets, Olive	20	Taylor, Walter P.	298	Volcano study	385	Wright, C. C.	133
Shepard, Francis P.	208	TC-13, airship	217	Voorhees, Vanderveer	353	Wright, John K.	272
Shepard, John F.	336	Tea from "Spanish needle"	105	Voting habits	128	Wylie, C. C.	345
Shepherd King's likeness	79	Teeth and diet	27	Vsessviatsky, S.	6	Wylie, Robert B.	164
Sherman, H. C.	4, 20	Teeth, irregular	386	Vyse, V.	33		
Sherrington, Sir Charles	293	Teitjens, Oskar G.	4	Waite H. H.	227	X-ray for tumor	42
Shirley, Mary M.	18	Telephones, testing	207	Wakeham, Glen	169	X-ray mutations	337
Shull, Charles A.	148	Telescope—Franklin Inst.	418	Walk, baby learns to	18	X-ray photographs	244
Sigerist, Henry E.	287	Telescopic mooring mast	47	Walker, Miles	165	X-rays	299
Silberstein Ludwik	336	Temper tantrums	338	Wallace, Alfred Russell	210	X-rays affect evolution	143
Silica black—uses	129	Temperature, absolute	310	Walther, Johannes	84	X-rays show insulin	324
Silicon	24	"Temple of Dancers"	359	Walton, E. T. S.	249		
Silicosis	370	Tenney, H. W.	97	Wang, P. H.	5	Yaglou, C. P.	304
Silk, real "artificial"	82	Terada, Torahiko	85	War not human instinct	79	Yale North India exped.	352
Simmons, James S.	251	Terns	152	Warburg, Otto	213, 395	Yasuda, Morio	41
Simpson, George Gaylord	340	Tertiary butyl alcohol	329	Warm wave in Arctic	385	Yearian, H. J.	357
Sinanthropus Pekingensis	296	Texas—archaeology	378	Warren, Henry E.	31	Yeast fed to cows	276
Sizer, Irwin	244	Texas glaciers	309	Washburn, Bradford	251	Yeast growth controlled	22
Skelllett, A. M.	117, 335	Texmelincan	282	Washburn E. W.	31	Yeast killed by rays	3
Skin diseases	361	Thenard	247	Wasp-nest census	53	Yellow dextrin	345
Sleep	321	Thewliis, J.	96	Water animals absorb food	149	Yellow fever	144, 399, 407
Slifer, Eleanor H.	149	Thom, Douglas A.	244	Water bug, male	145	Yellowstone Lake—ice	404
Sloane, Sir Hans	230	Thomson, Oluf	309	Water photograph	355	Yerkes, Robert M.	148, 218
Slocum, Frederick	117	Thomson A. P.	159	Waugh, W. A.	115	Yogo wheat	320
Smith, A. Y.	352	Thomson, William	310	Weather during eclipse	133	Youmans, John B.	335
Smith, Frank R., Jr.	257	Thorp, W. H.	261	Weather—Mt. Washington	251	Young, J. H.	7
Smith, G. Elliot	119, 123	Throat infection	273	Weather, 1932	100, 405		
Smith, George Milton	113	Thymus gland, orang-utan	53	Weed, Arthur J.	81	Zakrzewski, Z.	107
Smith, M. I.	346	Tillman, L. A.	99	Weigelt, Johannes	256	Zies, E. G.	353
Smith, R. O.	277	Timoffé-Ressovsky, N. W.	143	Weil, K.	241	Zirkel, Ferdinand	166
Snedecor, G. W.	249	Tims, E. C.	123	Welch, William H.	287	Zotz, Lothar F.	219
Snell, George D.	144	Tin	23	Welding	301, 315	Zucker, Theodore F.	244
Snyder, John W.	378	Tiney, B. C.	370	Weller, Carl V.	341	Zuni Indians	245
Snyder, Ned	378	Tires, large	257				
Soap bubbles test steel	15	Tisdale, W. H.	147				
Sodium	231	Titanotheres	243, 386				
Solvent	330	Toad	415				
"Spanish needle"	105	Toad devours alligator	212				
Spectrum	417	Toes, evolutionary loss	224				
Speed of airplanes	3	Tomato variety from tumor	133				
Speed recording instrument	389	Toops, H. A.	79				
Spemann, H.	341	Tooth decay	96, 399, 407				
Spencer, R. R.	342	Torday, E.	97				
Sperry, Elmer A.	214	Tory, H. M.	37				
Spinach, vitamins in	48	Townsend, Charles H. T.	293				
Spotted fever	138, 342	Traffic regulation	368				
Standardization of serum	371	Transplanted tissues	341				
Star story—8, 83, 150, 226, 290, 376		Tree growth	397, 398				
Stark, Mary B.	148	Tree ring calendar	257, 393				
Stars—auroral light	5	Tree, Russian "velvet"	31				
Stars—study	337	Trees	40, 152				
Steel	312	Triplets	388				
Steel cut with water	103	Trypanosomiasis	370				
Steel flooring, hollow	7	Tuberculosis	164, 228, 404, 416				
Steel houses	277	Tularemia	303				
Steel tested with radium	405	Tumors	41, 42				
Steele, William	311	Tungsten electroplating	308				
Steere-Clark, H.	337	Turkey	335, 340				
Steinberg, Meyer J.	207	Turner, Clair E.	52				
Stevens, A. W.	308	Turquoise-jade plaque	25				
Stewart, T. D.	325	Twins	145				
Stiebeling, Hazel	20	Typhoid fever	132, 251, 273				
Stingless bees	245	Typhoid, fowl	148				
Stink-bugs	85	"Typhoid Mary"	273				
Stirling, Matthew W.	405	Typhus fever	7, 245, 279, 372				
Stockard, Charles R.	224	Typhus vaccine	7, 399, 407, 408				
Stomach ulcers	89	Tyzzer, E. E.	340				
Stone Age Africans	341						
Stone Age artist	323	Ulcers of stomach	89				
Stone Age crops	148	Ulrich, Otto W.	297				
Stone Age "factory"	159	Ultraviolet and nudism	39				
Stone Age hand-axes found	21	Ultraviolet, effect on seed	148				
Stone decay	165	Ultraviolet light	369, 417				
Storage batteries—poison	256						
Stork, H. E.	56, 171						
Storms produce radiations	213						
Stout, W. B.	47						
Stratman-Thomas, W. K.	53						

ERRATA, Vol. XXII, Nos. 586-612, July-Dec., 1932

PAGE	TITLE BEGINS	CORRECTION
69	Limerick	Par. 1, line 4. Observatory for Academy. Map. Biddeford for Biddleford; 1 min. 38 sec. for 1 min. 30 sec.
85	Weird Stink-Bugs	Insects in cover picture may hatch from eggs illustrated but they are not old enough to produce the eggs.
137	Dedicate World's	Last Sentence. See page 261, story beginning Niagara Still.
160	Oldest Telescope	Caption, line 3. 10 for 30.
187	Nature Ramblings	Picture is of queen ant, not termite.
225	Souvenir of	Caption, last line. plate for film
258	Sun, Moon	Footnote line 1. Francis C. for Francis G.
266	Nature Ramblings	Last word. ebony for mahogany
309	Six Blood Types	Par. 2 and 3. von Dungern and Hirsfeld discovered six groups in 1910. They have no significance in blood transfusions.
315	First Welded	Par. 3, line 3. arc for arch
335	Arizona Indians	Line 12. Miller for Alden
357	Moon's Pull	Par. 2. U. S. Coast & Geodetic Survey has new Brown gravity balance accurate to one part per million occupying 15 to 20 places per mo.
370	Vampire Bats	Par. 2, line 1. third for second. Par. 3, new first sentence. The only two other mammalian vectors of disease so far known are the dog which transmits rabies and the rat which transmits rat-bite fever; line 3. mammals for animals
407	Disease Carrier	Photograph is not of vampire bat, but of near relative, carnivorous and fruit bat.
408	Physics	Par. 7, line 5. several hundred thousand for 600