

Serum	56	Stomach ulcer	195	Trout cataract	24	Vitamin B <sub>2</sub>	101	Wilhelm	85
Serum-virus	21	Stone Age tools	228	Truck, aluminum	21	Vitamin C	185, 212, 229	Wilcox W. F.	69
Settle, T. G. W.	323	Störmer, C.	51	Truck model	21	Vitamin D	52	Williams, E. L.	275
Sex activity	264	Storms	88	True, R. H.	313	Vitamin G	191	Williams, F. T.	57
Sex control	300	Stout, A. B.	348	Trumpler, R. J.	357	Vitamins	216	Williams, I.	238
Sex differences	76	Stratosphere	216, 264	Tuberculosis	56	Vitamins, synthetic	185	Williams, O. B.	395
Sex hormone	120, 293	Stratosphere balloon	323, 372	Tubules—blood	360	Vocational advice	328	Willis, Bailey	172
Sex hormone, synthetic	43	Stratosphere clouds	51	Tumor causes maturity	329	Volume of sound	284	Willoughby, R. R.	214
Sherman, Mandel	373	Stratosphere gondola	369, 372	Tumor of parathyroid glands	316			Wilson, O. C. Jr.	148
Sherman, W. S.	36	Stratton, S. W.	211	Tumors	24			Wimmer, F.	189
Shapley, Harlow	9, 157, 265	Strauss, M. B.	101	Tungsten	218	Wachmann	216	Wind	56
Shear, M. J.	195	Streamlining	117, 201	Türkel, Siegfried	308	Walcott, C. D.	108	Wind gusts	153, 376
Shear, T. L.	212	String galvanometer	120	Turner, C. E.	196	Wallace, H. A.	302	Windaus, A.	52
Sheep poisoning	25	Strong, John	221	Turner, Scott	166	Walton, E. T. S.	12, 15, 37, 72, 213	Wings	366
Shelton, E. K.	393	Struve, Otto	276, 307, 315, 357, 365	Tuscarora Deep—quake	156	Warburg, Otto	53	Winlock, H. F.	310
Ship, largest	29	Strychnine poison—cure	147	Tut-Ankh-Amen	30	Ward, G. E.	195	Winnecke	216
Shipworms	349	Sturgis, C. C.	40	Tuttle, C. M.	286	Ward, Henry B.	3	Winston, James	234
Shipwreck	154	Sugar	202	Tuve, M. A.	88	Washburn, E. W.	8, 147, 376	Winter wheat	313
Shoes, self-polishing	201	Sugar as fuel	202	Twenhofel, W. H.	57	Washburn, M. F.	281	Winters	169
Shriner, L. R.	315	Sugar in plants	280	24-hour clock	40	Waste—natural resources	19	Wireless telegraphy	299
Shrinking of bones	316	Sullins, John	184	Typhoid	115	Wastenays, H.	85	Wisconsin barless barley	55
Shröder, V. N.	300	Sullivan, Ruth	372	Typhus fever	152	Water	147, 280	Witmer, H. L.	133
Shull, C. A.	7	Sun	100, 152, 204, 216	Ulcer, stomach	195	Water animals	326	Wives	214
Sibiriaikov	37	Sunburn	56	Ultra-centrifuge	329	Water—effect on teeth	11	Wolfe, J. B.	339
Silicon carbide refractory brick	309	Sun-fading	196	Ultra-sonic waves	152	Water—power	140	Wolman, H. W.	67
Silk	104, 185	Sunspots	100	Ultraviolet light	52, 201, 283, 350	Water—purification	104	Women	76
Silk, synthetic	185	Super-scholars	54	Uncertainty theory	72, 328	Waterfall	67	Wong, Chaak Y.	296
Singer, H. D.	244	Super-university	54	Undulant fever	56, 297	Waterfield, R. L.	297	Wood, F. C.	158
Singh, T. C. N.	179	Surgery	124, 184	Unemployment risks	24	Water-fla	38	Wood, Harry O.	163, 172, 188, 267
Singleton, W.	197	Susich, G. von	185	U. S. Naval Observatory	289, 303	Waterhouse, W. L.	376	Wood, James J.	195
Skin disease, new	292	Swann, W. F. G.	277	Universe	4, 131	Waterman, A. J.	31	Wood, R. W.	30, 152, 395
Skin irritation	186	Swans	206	University for geniuses	54	Waters, G. L.	180	Woods, R. V.	335
Skinner, Curtis	184	Swanton, J. R.	85	Urey, H. C.	147	Watson, Sir Malcolm	136	Wool	201
Skull change	387	Syngle, W. W.	36	Uvarov, B. P.	392	Watt, R. A.	71	Word swallowing	186
Skunk cabbage	94	Sylvanus, E. B.	57	Vaccination	9, 89	Weakness disease	67	World peace	85
Sleeping potions	212	Sympathin	267	Vaccine	56, 236	Weather 137, 169, 222, 373, 376	376	World uniformity	181
Slipher, V. M.	56, 264, 285, 329	Synagogue painting	259	Vacuum tube	136	Weather-forecasting	153, 387	“Worries”	214
Smallpox	236	Syphilis	307	Vampire bat	97, 102	Weather and rheumatism	100	Wycklif	191
Smiser, J.	328	Szalay, A.	152	Van Atta, L. C.	26, 105, 136	Weather map	260	X-ray	7, 37, 104, 133, 185, 217, 299
Smith, E. R.	147, 376	Szent Györgyi, A.	152	Van de Graaff, R. J.	26, 105, 136, 197	Weather station	248	X-ray and cancer	153, 158
Smith, E. H.	171	Tadpoles	347	Vanderslice, J. L.	54	Webster, B.	229	X-ray tube	305, 309
Smith, Elliot	57, 269	Takahashi, Wm.	9	Van Royen, Wm.	180	Webster, L. T.	296	Yeager, J. F.	9
Smith, Erma	238	Tamarack	79	Van Wert, L. R.	168	Wedgwood	59	Yeast	221
Smith, Gretta	382	Tannic acid for burns	381	Vanzant, F. R.	195	Weeds	266	Yellow fever	136
Smith, M. C.	11	Taylor, H. S.	6, 280	Vars, H. M.	36	Weinberger, B. W.	6	Yellow “white” potato	83
Smith, M. J.	216	Tchurakov, A. N.	8	Vase, restored	389	Weinert, Hans	121	Yellowjacket Canyon ruins	227
Smith, Sinclair	90, 148	Technocracy	46, 51, 63, 78, 93, 110, 125, 137	Vasienko, Engineer	216	Weiss, LaBerta	324	Yellowstone Park	53, 175
Smith, Wm. C.	196	Teeth	223	Veblen, Oswald	54	Welch, W. H.	55	Yerkes, R. M.	339
Smyth, Wm. H.	63	Tejupan pyramid	149	Veblen, T.	51, 78, 93, 110	Wells, R. C.	154	Youth	247
Snakes	25, 102, 158, 169	Telephone, international	35	Vegard, Lars	275	Wendel, Wm. B.	234, 285	Zakarian, Z.	137
Soddy, F.	51, 110, 125	Telephone transmission	217	Vernal, C. J.	281	Werner, A. A.	232	Zapotec pottery	157
Sodium amygdal	147	Telescope	315	Veronal	58	West, C. J.	281	Zeiss lens	287
Sodium pentobarbitol	147	Telxitlahuaca	149	Veronica officinalis	266	Western civilization	287	Zerfas, L. G.	147
Sodium vapor lamp	81, 93	Tellurium	197	Vibrations	152	Wever, E. G.	232	Zimmerman, P. W.	9
Soil	59	Temperate zone fruits	361	Vikings	61, 168	Weyl, Hermann	55	Zinc	213
Solar radiation	228, 260	Temperature—upper air	328	Vipers	102	Wheat crop	182, 313, 347	Zinsser, Hans	152
Solar system	260	Tenayuca pyramid	374	Viruses, filterable	9	Wheat rust	376	Zobell, C. E.	394
Sollenberger, P.	325	Tepe Gawra	118	Vision	86, 377	Wheeler, Wm. M.	169	Zoological names	382
Soltan, Andrew	329	Teredos	349	Vitamin A	83, 185, 217	Whelpton, P. K.	301, 356, 388	Zoology—expeditions	220
“Soma”	221	Testing silk	185	Vitamin B	52, 185, 191, 259	Whipple, G. H.	216	Zwemer, R. L.	372
Sommer, Anna L.	280	Textiles—rubber	90	Vitamin B <sub>1</sub>	216	White, David	264	Zwicky, F.	164
Sound—chemical effect	395	Theelin	232, 293			Whitford, A. E.	90		
Sound scale	284	Thermodynamics	4			Whooping cough	89		
Sound transmission	217	Thom, Charles	334, 349			Wilder, R. M.	67		
Sound waves	291	Thomas, C. A.	227						
South Sea tribes	377	Thomas, Karl	67						
Soy bean paste	57	Thompson, J. H.	232						
Space	139	Thompson, J. W.	339						
Space—interstellar	357	Thompson, W. S.	356, 388						
Spectra—upper atmosphere	19	Thomson, D. L.	283						
Spectrograph	213	Thomson, Elihu	195, 298						
Spectroheliograph	204	Thomson, Sir J. J.	115						
Spectrum of muscle	283	Thought	76						
Spectrum research	148, 335	Thunderstorms	71						
Spedding, F. H.	215	Thurnwald, R.	377						
Speidel, C. C.	43	Thurstone, L. L.	148						
Speiser, E. A.	84, 115, 118, 388	Thyroid gland	200, 293						
Spengler, Oswald	287	Tidal wave prediction	335						
Spinks, Sir Charles	158	Time	40, 139						
Sponges	331, 365	Time keeping	325						
Spontaneous combustion	26	Timothy hay	217						
Spontaneous explosion	186	Tinklepaugh, O. L.	278						
Sprague, H. B.	20	Tissues—growth	140						
Spring	168, 179	Tocantins, L. M.	200						
Spring flowers	270, 286	Tonnies, G.	140						
“Square Mug Ruin”	227	Tolman, R. C.	4, 92						
Stalagmite, brain-like	353, 361	Tolonen, F. J.	142						
Stanger, Margaret	180	Tomb robbers	310						
Star, new	200	Tomlinson, Supt.	57						
Star story	10, 70, 134, 198, 262, 342	Tooth decay	11, 239						
Star velocities	235	Tornadoes—1933	296						
Stars	74, 90, 157	Tory, H. M.	364						
Stars, Type Be	7	Towle, F. B.	248						
Stars—radiation	3	Townsend, W. C.	101						
Starvation diet	259	Toys	131						
Steam	73	Transmission	217						
Steamship	29	Transmutation of elements	323						
Stebbins, Joel	265	Transparent man	344						
Steel industry	142	Trask, Parker D.	324						
Stefansson, V.	137	Traubenberg, H. R. von	72						
Stereoscopic effect	281	Tree growth	334						
Sterilizing milk cans	58	Tree-ring calendar	293						
Stetson, H. T.	14	Trees, fossil	152						
Stevens, A. W.	35	Trelease, Wm.	281						
Sterling, M. W.	186, 355	Trilobite	108						
Stock, Chester	150	Trojan, E.	365						
Stokowski, L.	243								

### ERRATA, Vol. XXIII, Nos. 613-637, Jan.-June, 1933

PAGE	TITLE	BEGINS	CORRECTIONS
12	Secretion		Line 7. Dr. Earle D. Perkins and Dr. Benjamin Kropp, of Rutgers University for Prof. Lloyd M. Bertholf, of the University of Western Maryland.
15	Economic Revolution		Par. 2, line 1. Cockcroft for Cockfoft.
55	Super-University		Col. 3, line 2. Millikan for Milliken.
55	New Barley		See corrected article on p. 190
63	Nature		Par. 2, line 10. <i>Delete</i> as the groundbog is of the New.
67	Waterfall		Line 7. Seattle for Portland.
140	Announcement		Line 10. Washington for Oregon.
156	New Quake		Heading. Priestley for Priestly.
159	The New Healthy		Col. 3, line 1. Nagasaki for Nagaaki.
178	Do You Know?		<i>Should read THE NEW HEALTHY LIVING SERIES—</i>
198	April Evening		C. E. A. Winslow and M. L. Hahn, Col. 3, line 1. 317,000 for 217,000.
			Par. 3, line 11. east for west and easternmost for westernmost.
			Par. 4, line 3. east for west.
			Par. 4, line 6. <i>Following</i> the word planet insert Mars, famous for its reddish color. Though Mars is decreasing slowly in brilliance, it is brighter than any star in the vicinity. <i>Transpose remainder of paragraph to column 2, line 11, to follow words planet, which is.</i>
			Par. 5, line 5. <i>delete</i> Mars and remainder of paragraph.
281	Wormholes		Heading. Worm-Holes for Wormwholes.
285	“Sly Rays”		Last par., line 2. Royal Astronomical Society for Royal Society.
294	Brains		Par. 3, line 5. Henry H. for Henry A.
295	Brains		Cutline. Henry H. for Henry A.
313	Speed		<i>Delete</i> par. 4.
324	Announcemnt		Title. Deity for Destiny.
329	Strange Fever		Line 4. Leonard G. for Leonard C.
345	No title		Line 5. Aristotle for Aristotle.
350	One-Celled		Par. 2, line 4. Fluorescence for fluorescence.