

GESTIONS

Have you seen a copy
It is full of just

SKIN

... on Magazines.

Regular Value \$7.50

LOCK Cupid design price \$4.50

IDS OF SUBJECTS

20. — This line of
in gilt and are the
usually sold at 5c each
each —

rent kinds — 40c
rent kinds — 75c
rent kinds — \$1.40

DGE" PEN

and general uses
Try it. In 3 points
We guarantee sat-
isfaction.

COMPANY,

ve., Montreal

TO AN USUAL

Music and the Skating Club

TOXIC QUALITIES OF CONFINED AIR

Systems of Men are Poisoned — Due to Retained Moisture

The Pollution of the Atmosphere is Largely Dependent Also Upon Temperature.

Every one knows that discomfort, illness, or even death, may result from confinement in a room, and there is general agreement that these results are due to the accumulation of the waste products of respiration; but until recently physiologists have not been certain of the exact nature of these harmful products. The old writers used to ascribe all the trouble to carbonic dioxide, or analyzed a comparatively harmless gas when pure, in which one may drown as he would in water. Later, a French physiologist, Mr. Henri, of Montsouris Observatory, has connected these two series of facts, and has shown us that high temperature and moisture augment the action of these toxic products by preventing their removal from the room. He brought out in an article contributed to Cosmos (Paris), by H. Roussier, says the writer:

"The physiological importance of the air we breathe is not sufficiently appreciated; we absorb daily through our lungs a weight of oxygen greater than that of the food we eat. We breathe continually air that is not pure, but is contaminated with the products of our own respiration, and this contamination takes place in digestion."

DANGER OF CITIES.

"Doubtless this state of things corresponds to the composition of the atmosphere of the cities. In cities, especially within doors and in places where large numbers of people live together, the same atmosphere which at sea (fifty miles from land) does not contain a single micro-organism, contains per cubic centimetre, according to the tests of Miquel, 400,000,000, 2,000,000,000, 4,000,000,000, 8,000,000,000, 16,000,000,000, 32,000,000,000, 64,000,000,000, 128,000,000,000, 256,000,000,000, 512,000,000,000, 1,024,000,000,000, 2,048,000,000,000, 4,096,000,000,000, 8,192,000,000,000, 16,384,000,000,000, 32,768,000,000,000, 65,536,000,000,000, 131,072,000,000,000, 262,144,000,000,000, 524,288,000,000,000, 1,048,576,000,000,000, 2,097,152,000,000,000, 4,194,304,000,000,000, 8,388,608,000,000,000, 16,777,216,000,000,000, 33,554,432,000,000,000, 67,108,864,000,000,000, 134,217,728,000,000,000, 268,435,456,000,000,000, 536,870,912,000,000,000, 1,073,741,824,000,000,000, 2,147,483,648,000,000,000, 4,294,967,296,000,000,000, 8,589,934,592,000,000,000, 17,179,869,184,000,000,000, 34,359,738,368,000,000,000, 68,719,476,736,000,000,000, 137,438,953,472,000,000,000, 274,877,906,944,000,000,000, 549,755,813,888,000,000,000, 1,099,511,627,776,000,000,000, 2,199,023,255,552,000,000,000, 4,398,046,511,104,000,000,000, 8,796,093,022,208,000,000,000, 17,592,186,044,416,000,000,000, 35,184,372,088,832,000,000,000, 70,368,744,177,664,000,000,000, 140,737,488,355,328,000,000,000, 281,474,976,710,656,000,000,000, 562,949,953,421,312,000,000,000, 1,125,899,906,842,624,000,000,000, 2,251,799,813,685,248,000,000,000, 4,503,599,627,370,496,000,000,000, 9,007,199,254,740,992,000,000,000, 18,014,398,509,481,984,000,000,000, 36,028,797,018,963,968,000,000,000, 72,057,594,037,927,936,000,000,000, 144,115,188,075,855,872,000,000,000, 288,230,376,151,711,744,000,000,000, 576,460,752,303,423,488,000,000,000, 1,152,921,504,606,846,976,000,000,000, 2,305,843,009,213,693,952,000,000,000, 4,611,686,018,427,387,904,000,000,000, 9,223,372,036,854,775,808,000,000,000, 18,446,744,073,709,551,616,000,000,000, 36,893,488,147,419,103,232,000,000,000, 73,786,976,294,838,206,464,000,000,000, 147,573,952,589,676,412,928,000,000,000, 295,147,905,179,352,825,856,000,000,000, 590,295,810,358,705,651,712,000,000,000, 1,180,591,620,717,411,303,424,000,000,000, 2,361,183,241,434,822,606,848,000,000,000, 4,722,366,482,869,645,213,696,000,000,000, 9,444,732,965,739,290,427,392,000,000,000, 18,889,465,931,478,580,844,784,000,000,000, 37,778,931,862,957,161,689,568,000,000,000, 75,557,863,725,914,323,379,136,000,000,000, 151,115,727,451,828,646,758,272,000,000,000, 302,231,454,903,657,293,516,544,000,000,000, 604,462,909,807,314,587,033,088,000,000,000, 1,208,925,819,614,629,174,066,076,000,000,000, 2,417,851,639,229,258,348,132,152,000,000,000, 4,835,703,278,458,516,696,264,304,000,000,000, 9,671,406,556,917,033,392,528,608,000,000,000, 19,342,813,113,834,066,785,057,216,000,000,000, 38,685,626,227,668,133,570,114,432,000,000,000, 77,371,252,455,336,267,140,228,864,000,000,000, 154,742,504,910,672,534,280,457,728,000,000,000, 309,485,009,821,345,068,560,915,456,000,000,000, 618,970,019,642,690,137,121,831,912,000,000,000, 1,237,940,039,285,380,274,243,663,824,000,000,000, 2,475,880,078,570,760,548,487,327,648,000,000,000, 4,951,760,157,141,521,096,974,675,296,000,000,000, 9,903,520,314,283,042,193,949,350,592,000,000,000, 19,807,040,628,566,084,387,898,701,184,000,000,000, 39,614,081,257,132,168,775,797,402,368,000,000,000, 79,228,162,514,264,337,551,594,804,736,000,000,000, 158,456,325,028,528,675,103,189,609,472,000,000,000, 316,912,650,057,057,350,216,379,218,944,000,000,000, 633,825,300,114,114,700,432,758,437,888,000,000,000, 1,267,650,600,228,229,400,865,516,915,775,776,000,000,000, 2,535,301,200,456,458,811,031,031,931,551,552,000,000,000, 5,070,602,400,912,917,662,062,063,103,103,104,000,000,000, 10,141,204,801,825,835,324,126,206,206,207,207,208,000,000,000, 20,282,409,603,651,670,648,252,412,412,413,414,000,000,000, 40,564,819,207,303,340,504,824,824,825,826,827,000,000,000, 81,129,638,414,606,681,009,649,649,650,651,652,000,000,000, 162,259,276,829,213,362,019,299,299,300,301,302,000,000,000, 324,518,553,658,426,724,038,598,598,599,600,601,602,000,000,000, 649,037,107,313,453,448,077,197,197,198,199,200,000,000,000, 1,298,074,214,626,906,914,394,394,395,396,397,000,000,000, 2,596,148,429,253,813,828,788,788,789,790,791,000,000,000, 5,192,296,858,507,627,657,577,578,579,580,000,000,000, 10,384,593,717,255,255,315,315,316,317,318,000,000,000, 20,769,187,434,510,510,630,630,631,632,000,000,000, 41,538,374,869,021,021,790,790,791,792,000,000,000, 83,076,749,738,042,042,980,980,981,982,000,000,000, 166,153,499,476,084,084,960,960,961,962,000,000,000, 332,306,992,952,168,168,920,920,921,922,000,000,000, 664,613,985,904,336,336,840,840,841,842,000,000,000, 1,329,227,971,808,672,672,680,680,681,682,000,000,000, 2,658,455,943,617,344,344,640,640,641,642,000,000,000, 5,316,911,887,234,688,688,696,696,697,698,000,000,000, 10,633,823,774,469,376,376,704,704,705,706,000,000,000, 21,267,647,548,938,752,752,712,712,713,714,000,000,000, 42,535,295,097,877,504,504,724,724,725,726,000,000,000, 85,070,590,195,755,008,008,728,728,729,730,000,000,000, 170,141,180,391,510,016,016,736,736,737,738,000,000,000, 340,282,360,783,020,032,032,744,744,745,746,000,000,000, 680,564,721,566,040,064,064,752,752,753,754,000,000,000, 1,361,129,443,132,080,128,128,760,760,761,762,000,000,000, 2,722,258,886,264,160,160,768,768,769,770,000,000,000, 5,444,517,772,528,320,320,776,776,777,778,000,000,000, 10,889,035,545,056,640,640,784,784,785,786,000,000,000, 21,778,071,090,112,128,128,792,792,793,794,000,000,000, 43,556,142,180,224,256,256,796,796,797,798,000,000,000, 87,112,284,360,448,512,512,800,800,801,802,000,000,000, 174,224,720,896,1024,1024,804,804,805,806,000,000,000, 348,449,441,792,2048,2048,808,808,809,810,000,000,000, 696,898,883,584,4096,4096,812,812,813,814,000,000,000, 1,393,797,767,168,8192,8192,816,816,817,818,000,000,000, 2,787,595,534,336,16384,16384,820,820,821,822,000,000,000, 5,575,191,068,672,32768,32768,824,824,825,826,000,000,000, 11,150,382,137,344,65536,65536,828,828,829,830,000,000,000, 22,300,764,270,688,131072,131072,832,832,833,834,000,000,000, 44,601,528,541,376,262144,262144,836,836,837,838,000,000,000, 89,203,057,082,752,524288,524288,840,840,841,842,000,000,000, 178,406,114,165,504,1,048,576,1,048,576,844,844,845,846,000,000,000, 356,812,228,331,008,2,097,152,2,097,152,848,848,849,850,000,000,000, 713,624,456,662,016,4,194,304,4,194,304,852,852,853,854,000,000,000, 1,427,248,912,132,403,2,398,608,2,398,608,856,856,857,858,000,000,000, 2,854,497,824,264,806,4,797,216,4,797,216,860,860,861,862,000,000,000, 5,708,995,648,529,612,9,594,432,9,594,432,864,864,865,866,000,000,000, 11,417,991,296,1,059,224,19,188,864,19,188,864,868,868,869,870,000,000,000, 22,835,982,592,2,118,448,38,377,728,38,377,728,872,872,873,874,000,000,000, 45,671,965,184,4,236,896,76,755,456,76,755,456,876,876,877,878,000,000,000, 91,343,930,368,8,473,792,153,510,912,153,510,912,880,880,881,882,000,000,000, 182,687,860,736,16,947,584,307,020,307,020,884,884,885,886,000,000,000, 365,375,721,472,33,895,168,614,040,614,040,888,888,889,890,000,000,000, 730,751,442,944,67,790,336,1,228,080,1,228,080,892,892,893,894,000,000,000, 1,461,502,885,888,135,580,672,2,456,160,2,456,160,896,896,897,898,000,000,000, 2,923,005,771,776,271,160,4,912,320,4,912,320,900,900,901,902,000,000,000, 5,846,011,543,552,542,320,9,824,640,9,824,640,904,904,905,906,000,000,000, 11,692,023,087,110,4,164,640,19,648,960,19,648,960,908,908,909,910,000,000,000, 23,384,046,174,220,8,328,960,39,297,920,39,297,920,912,912,913,914,000,000,000, 46,768,092,348,440,16,657,920,78,595,840,78,595,840,916,916,917,918,000,000,000, 93,536,184,696,320,33,315,680,157,191,680,157,191,680,920,920,921,922,000,000,000, 187,072,368,1,392,640,66,631,360,134,383,360,134,383,360,924,924,925,926,000,000,000, 374,144,736,2,785,280,133,262,720,133,262,720,928,928,929,930,000,000,000, 748,289,472,5,570,560,266,525,440,266,525,440,932,932,933,934,000,000,000, 1,496,578,944,11,141,120,533,050,880,533,050,880,936,936,937,938,000,000,000, 2,993,157,888,22,282,240,1,066,100,1,066,100,940,940,941,942,000,000,000, 5,986,315,776,44,564,480,2,132,200,2,132,200,944,944,945,946,000,000,000, 11,972,631,552,89,128,960,4,264,400,4,264,400,948,948,949,950,000,000,000, 23,945,263,104,178,256,8,528,800,8,528,800,952,952,953,954,000,000,000, 47,890,526,208,356,512,17,056,1600,17,056,1600,956,956,957,958,000,000,000, 95,781,052,412,713,024,34,112,3200,34,112,3200,960,960,961,962,000,000,000, 191,562,104,826,142,686,68,224,6820,68,224,6820,964,964,965,966,000,000,000, 383,124,208,1,652,284,136,448,136,448,968,968,969,970,000,000,000, 766,248,416,3,304,568,272,896,272,896,972,972,973,974,000,000,000, 1,532,496,832,6,609,136,544,179,200,544,179,200,976,976,977,978,000,000,000, 3,064,993,664,13,218,272,1,088,358,400,1,088,358,400,980,980,981,982,000,000,000, 6,129,987,328,26,436,544,2,176,716,2,176,716,984,984,985,986,000,000,000, 12,259,974,656,52,872,1,088,1,088,988,988,989,990,000,000,000, 24,519,949,312,105,744,2,176,2,176,992,992,993,994,000,000,000, 49,039,898,624,211,488,4,352,4,352,996,996,997,998,000,000,000, 98,079,797,248,422,976,8,704,8,704,1000,1000,1001,1002,000,000,000, 196,159,594,845,952,17,408,17,408,1004,1004,1005,1006,000,000,000, 392,319,188,1,691,904,34,816,34,816,1008,1008,1009,1010,000,000,000, 784,638,376,3,383,808,69,632,69,632,1012,1012,1013,1014,000,000,000, 1,569,276,752,6,766,616,139,264,139,264,1016,1016,1017,1018,000,000,000, 3,138,553,504,13,532,1232,278,528,278,528,1020,1020,1021,1022,000,000,000, 6,277,107,008,27,064,2464,557,056,557,056,1024,1024,1025,1026,000,000,000, 12,554,214,016,54,128,4928,1,114,1,114,1028,1028,1029,1030,000,000,000, 25,108,428,032,108,256,9,856,9,856,1032,1032,1033,1034,000,000,000, 50,216,856,064,216,512,19,712,19,712,1036,1036,1037,1038,000,000,000, 100,433,712,1,032,424,39,424,39,424,1040,1040,1041,1042,000,000,000, 200,867,424,2,064,848,78,848,78,848,1044,1044,1045,1046,000,000,000, 401,734,848,4,128,1,696,157,696,157,696,1048,1048,1049,1050,000,000,000, 803,469,696,8,256,3,392,315,392,315,696,696,697,698,000,000,000, 1,606,939,392,16,512,6,784,631,631,696,696,697,698,000,000,000, 3,213,878,784,33,024,13,568,1263,1263,696,696,697,698,000,000,000, 6,427,757,568,66,048,27,136,2526,2526,696,696,697,698,000,000,000, 12,855,515,136,132,096,54,272,5052,5052,696,696,697,698,000,000,000, 25,711,030,272,264,108,544,10,104,10,104,696,696,697,698,000,000,000, 51,422,060,544,528,216,216,20,208,20,208,696,696,697,698,000,000,000, 102,844,120,1,056,432,42,416,42,416,696,696,697,698,000,000,000, 205,688,240,2,112,864,84,832,84,832,696,696,697,698,000,000,000, 411,376,480,4,224,1,728,169,664,169,664,696,696,697,698,000,000,000, 822,752,960,8,448,3,456,339,328,339,328,696,696,697,698,000,000,000, 1,645,504,1,916,6,912,678,656,678,656,696,696,697,698,000,000,000, 3,291,008,3,832,13,824,1,356,1,356,696,696,697,698,000,000,000, 6,582,016,7,664,27,648,2,712,2,712,696,696,697,698,000,000,000, 13,164,032,15,328,55,296,5,424,5,424,696,696,697,698,000,000,000, 26,328,064,30,656,110,592,10,848,10,848,696,696,697,698,000,000,000, 52,656,121,312,221,118,21,696,21,696,696,696,697,698,000,000,000, 105,312,242,624,442,236,43,392,43,392,696,696,697,698,000,000,000, 210,624,484,844,472,87,784,87,784,696,696,697,698,000,000,000, 421,248,968,1,688,944,175,568,175,568,696,696,697,6