CHAPTER |XXVII.

Of some prominent features exhibited by the Law of Mortality.

247. Bearing in mind what has been stated in our foregoing pages, concerning the method of constructing a Law of Mortality, and of deducing from it many useful results; it may not be uninteresting for the reader to find here a synopsis of the prominent features which that law exhibits, including a few results susceptible of further extension by tabulating them referably to each year of age.

248. Confining this synopsis to the results, for each sex, of the general law applicable to an indiscriminate population, exemplified by that of France (see the paragraph 234th, 237th and 238th); the following are relative to one million of annual births, and to an equal quantity of annual deaths, supposed to occur under the hypothesis of such population being stationary.

RELATIVE POPULATION and its distribution.
(See chapter XXIV.)

1	n	5

174			175		
Permanent distribution of that quantity of stationary population; observing that the proportions of youthful shall exceed those here announced, when the population progressively increases, and the contrary when the population progressively decreases.	MALES.	FEMPLES'	Its comparison for both sexes at similar ages; or the proportions of superior intensity attending either sex, with reference to those ages, only, at which such superiority — during the intervening periods — alternately rises to a maximum or falls to a minimum, until it	Mates.	FEMALES.
Living at and above 5 completed years.	29 802 080	33 165 248	is assumed by the other sex:		
At and above 10 years At and above 20 * At and above 30 * At and above 40 *	26 700 472 23 711 199 20 813 581 14 378 646 10 597 002	29 901 223 26 743 503 23 665 696 17 793 908 12 471 423	-	at the birth at 4 completed at 26	
At and above 50 ×	6 522 193	7 881 660		at 81 »	1.0022
At and above 60 At and above 70 At and above 80 At and above 90 Centenarians generally	3 276 407 1 152 730 224 959 25 389 2 819	.f 171 266 1 605 898 328 829 33 854 3 206	Proportions of the Males' superiority	1.0489 1.0489 1.0827 1.0829	at 82 comp. years. at 85 " at 89 " at 105, 106 and 107. at 117, 118 and 119.
PERIODIÇ DE	PATHS		_	1.1172	at 129, 130 and 131.
				111349	at 141, 142 and 143.
(See chapter XV.) First minimum of the relative quantity of deaths, referred to one million of annual births; which minimum takes			COLLECTIVE INTEN		Е.
place at 13 completed years, for the male sex, and at 15 for the female Maximum of their relative quantity; occuring at 67 completed years for the male, and at 70 completed years for	3539·499	3125 548	At the birth, and then being identical with the Absolute intensity Its maximum, referable to the 5th completed year and all superior ages, for	33.4583	
the female sex	12835.779	13172'970	both sexes	46.6557	49-4248
SPECIFIC INTENSITY OF LIFE.			to the 85th and all superior years Its measure of years, referable to the	4-4560	4•2605
(See chapter	XPI.)		probably oldest individual including		
At the birth; being the quantity of those out of which one fails to complete a first year of age	4·8705	5•568o	any possibly older; that probable age being 128 years for a male, and 126 for a female	2.5920	a:3358
years, for the males, and 14 for the females	168:3791	200.4973	at the birth	16·6574	19.5862
Its first minimum, occuring at 87 com- pleted years for both sexes; after which the intensity increases to the 91th, and	•		viving the other	50,5253	54·3304
then declines at each subsequent year.	47,489	4-5955			

TOTAL STREET OF A STREET AS A

being more numerous than the females;

177		
••	Males.	FEMALES.
-First, supposing equal quantities born		
of each sex.	109 to 110 years.	
- Secondly, supposing 21 male births		
to 20 female	107 to 108 years.	
- Thirdly, supposing 17 male births		
to 16 female, as experienced in		
France of late years	100 to 107 years.	
At which any quantity of individuals		
born are reduced, by the deaths :-		
To one-half	31.883	59'67 t
To one-third	51.227	58.687
To one-fourth	65.010	65.562
To one-fifth	66.014	6 9•395
To one-sixth	68-615	Ž11927
To one-eighth	71.06x	75 1138
To one-tenth.	74.128	77.145
To one-twenty-fifth part	80.222	82.897
To one-hundredth part	8 7· 365	88.817
To one-thousandth part	98+165	99.521
At which any quantity of couples simul-		
tancously born would be so reducible,		i
by the death of any one of each two		
joint-lives : —		
To one-half	2.188	2,002
To one-third	18-102	27:55ე
To one-fourth	5 € 884	59.672
To one-fifth	5ე:452	46.540
To one-tenth	56.007	60.190
To one-hundredth part	74·156	77.155
To one-thousandth part	82.026	83 _{*99} 6
To a single surviving couple.	101 years.	102 years.

2.19. The above with other corresponding statements, all referred to each year of age, to each sex, and to Joint as well as to Single lives of each discriminated class, — together with the valuations, similarly referred, of contingencies variously described in our next chapter, — form numerous sets of Tables that convey information on important points concerning social life.