

## EXPERIMENT NO. 3, COMBINATION OF KING AND RUTHERFORD SYSTEMS.

In this experiment trial was made of overhead currents entirely.

In pen 1.—The King inlet was combined with the Rutherford outlet.

In pen 2.—An opening through the wall near the ceiling let in a direct and unobstructed current of air. The outlet was kept as in experiments 1 and 2. The results were fairly satisfactory, the pen being kept somewhat colder than was liked.

VENTILATION TABLE 3.

Period 3. From Mar. 9, 1910, to Mar. 15, 1910, inclusive.	OUTSIDE.		PEN 1.			PEN 2.		
	Temperature.		Temperature.			Temperature.		
	Av. Max.	Av. Min.	Av. 7.30 a.m.	Av. Max.	Av. Min.	Av. 7.30 a.m.	Av. Max.	Av. Min.
Degrees Fahr. ....	30.2	15.5	32.2	43.8	29.7	29.8	41.2	28.2
Variation from outside. ....				13.6	14.2		11.0	12.7
No. pigs in pen. ....			10			10		
Remarks .....			Walls and ceiling dry .....			Walls and ceiling dry.		

