

Table 1. Copulation frequency over hours in four pairs of gibbons during the period Sept 15, 1967--March 8, 1968

	Hours											
	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700
Frequency	8	10	13	12	8	7	3	14	11	2	1	0

The everted vulvae of the three females who have become pregnant have regressed. In two cases, the mucous membrane was no longer visible, and in the third, the exposed area diminished by one-half. Three months following the birth of the infant, the mother's vulva once more became everted. These results, together with the observation that only mature females have everted vulvae indicates that the exposure of the mucous membrane is controlled by hormonal factors.