

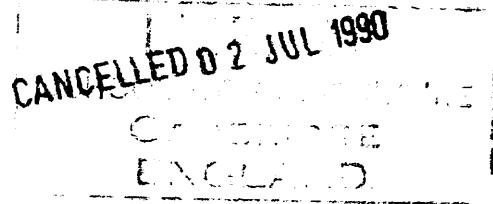
# PATTERNS OF MAMMALIAN REPRODUCTION

SECOND EDITION

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In the London zoo young have been born from February to May and in August and October (7).

1. Hall, E. R., and K. R. Kelson. *The Mammals of North America*. New York, 1959.
2. Gaumer, G. F. *Mamíferos de Yucatan*. Mexico City, 1917.
3. Sanborn, C. C., and A. R. Watkins. *JM.*, 31: 430-433. 1950.
4. Brown, C. E. *JM.*, 17: 10-13. 1936.
5. Cabrera, A., and J. Yepes. *Historia Natural Ediar. Mamíferos Sud-Americanos*. Buenos Aires, 1940.
6. Baker, A. B. *JM.*, 1: 143-144. 1920.
7. Zuckerman, S. *PZS.*, 122: 827-950, 1952-3.

## RHINOCEROTIDAE

### *Dicerorhinus sumatrensis* Fischer

#### ASIATIC TWO-HORNED RHINOCEROS

This species is said to reach puberty at age 20 years. It mates from July to August and has a single young after a gestation of 7 months (1).

1. Thom, W. S. *J. Bombay Nat. Hist. Soc.*, 44: 257-274. 1943.

### *Ceratotherium*

#### WHITE RHINOCEROS

*Ceratotherium simum* Burchell. This African species breeds at any time of year and the single young is born after a gestation of 17 to 18 months. Puberty is reached at 4 to 5 years old (1).

*C. unicornis* L. This Asiatic species reaches puberty at 4½ years old; it has heat periods at intervals of 40 to 50 days and a gestation of about 488 days. These observations were made at the Whipsnade zoo (2). In India matings have been observed from February to the end of April (3).

1. Lang, H. *New York Zool. Soc. Bull.*, 23: 66-92, 1920.
2. Tong, E. *PZS.*, 130: 296-299, 1958.
3. Gee, E. P. *J. Bombay Nat. Hist. Soc.*, 51: 341-348, 1952-3.

*Diceros bicornis* L.

## BLACK RHINOCEROS

This African species has no regular season (1), but breeds mostly from November to December (2). The gestation period is about 530 to 550 days (2).

1. Roosevelt, T., and E. Heller. Life Histories of African Game Animals. New York, 1914.
2. Wilhelm, J. H. J. South West Africa Sci. Soc., 6: 51-74, 1933.