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AN ATLAS OF MAMMALIAN CHROMOSOMES

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Order: PERISSODACTYLA

Family: RHINOCEROTIDAE

Ceratotherium simum (White rhinoceros)

$2n = 84$

Ceratotherium simum (White rhinoceros)

2n=84

AUTOSOMES: 18 Submetacentrics
64 Acrocentrics

SEX CHROMOSOMES: X Submetacentric
Y Acrocentric

Skin biopsies were grown from two animals of the Southern race maintained at San Diego Zoo, California. Pairing of chromosomes is arbitrary. Previously this species is reported to have a karyotype of 2n=82 with one less submetacentric (1).

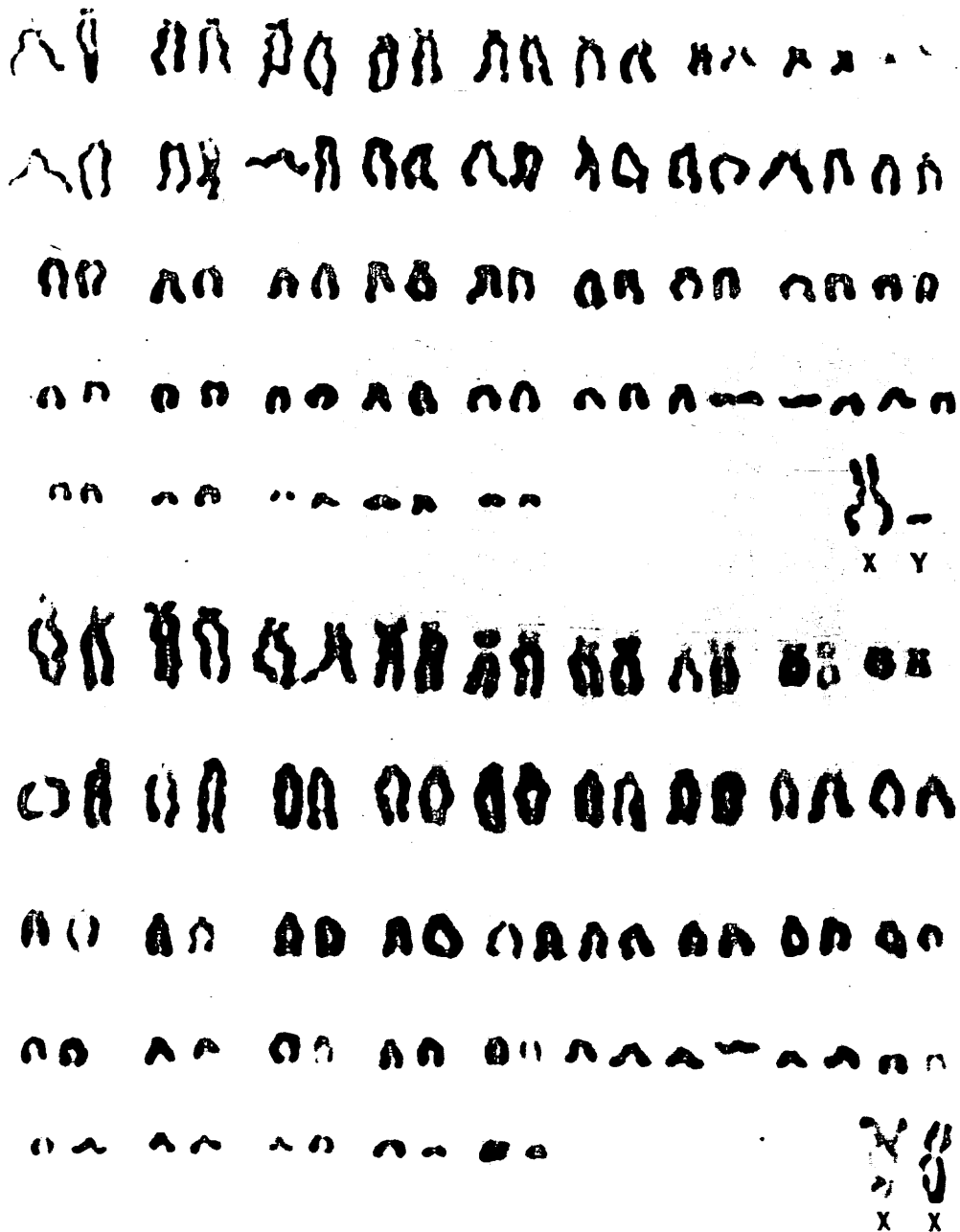
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Ceratotherium simum (White rhinoceros)

2n=84



Order: PERISSODACTYLA

Family: RHINOCEROTIDAE

Rhinoceros unicornis (Great Indian one-horned rhinoceros)

$2n = 82$

Rhinoceros unicornis (Great Indian one-horned rhinoceros)

2n=82

AUTOSOMES: 80 Subtelocentrics and acrocentrics

SEX CHROMOSOMES: X Submetacentric
Y Acrocentric

Most of the longer autosomes possess a short second arm, but it is difficult to draw a line where subtelocentrics end and acrocentrics begin. Arbitrarily, the first row of 10 pairs can be regarded as subtelocentrics.

The karyotypes presented here are gifts of Dr. P. Hösli, University of Basel, Switzerland.

Rhinoceros unicornis (Great Indian one-horned rhinoceros)

2n=82

