

Chromosome Observations of Sarawak Ants

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This is a preliminary report on the chromosomes of Sarawak ants. Collection of ants and chromosome preparations were made at Bako National Park (Kuching, Sarawak) from June 9 to June 13, 1985. A total of 37 colonies including 5 subfamilies, 21 genera, and 29 species were examined. The colonies collected were labelled as HI85-(19-54, 67). The identification of species was made by Brown and Kubota, and the chromosome observations were made by Tjan. One set of dry specimens was deposited with the Sarawaku Museum.

Table 1. Chromosome numbers of Sarawak ants

Taxa (Colony number)	Chromosome number (n) 2n
PONERINAE	
<i>Mystrium camillae</i> (HI85-19)	32
<i>Proceratium</i> sp. (HI85-29)	48
<i>Cryptopone testacea</i> (HI85-41, 43)	(9) 18
<i>Leptogenys myops</i> (HI85-23, 25)	(24) 48
<i>Leptogenys</i> sp. (HI85-53)	54
<i>Pachycondyla rubra</i> (HI85-44)	20
<i>Diacamma</i> sp. (HI85-51)	58
<i>Odontomachus simillimus</i> (HI85-27)	44
<i>Anochetus</i> sp. (HI85-50)	(17) 34
CERAPACHYINAE	
<i>Cerapachys</i> sp. (HI85-47)	50

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Table 1. (Continued).

Taxa (Colony number)	Chromosome number (<i>n</i>) 2 <i>n</i>
MYRMICINAE	
<i>Crematogaster</i> sp. (HI85-45)	26
<i>Oligomyrmex</i> sp. 1 (HI85-22)	36
<i>Oligomyrmex</i> sp. 2 (HI85-38)	44
<i>Pheidologeton</i> sp. (HI85-35)	42
<i>Lophomyrmex</i> sp. (HI85-32)	38
<i>Tetramorium smithi</i> (HI85-31)	26
<i>Tetramorium</i> sp. 2 (HI85-26, 24)	20
<i>Tetramorium</i> sp. 3 (HI85-28)	24
<i>Acanthomyrmex</i> sp. (HI85-42, 67)	24
<i>Pheidole</i> sp. 1 (HI85-39, 40)	(10) 20
<i>Pheidole</i> sp. 2 (HI85-21)	18
<i>Pheidole</i> sp. 3 (HI85-49)	(9) 18
<i>Pheidole</i> sp. 4 (HI85-46)	18
DOLICHODERINAE	
<i>Iridomyrmex cordatus</i> (HI85-36, 37)	16
FORMICINAE	
<i>Anoplolepis longipes</i> (HI85-54)	(17)
<i>Acropyga</i> sp. (HI85-20, 52)	(15) 30
<i>Pseudolasius</i> sp. (HI85-34)	30
<i>Camponotus</i> sp. 1 (HI85-30)	40
<i>Camponotus</i> sp. 2 (HI85-48)	20