

# Animal Exchange

Surplus and wanted list from Zoo Negara Malaysia

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## Required for breeding -- by Zoo Negara

### **Mammals**

<i>Presbytis obscura</i> , Dusky leaf monkey	2.3.0
<i>Presbytis melalophus</i> , Banded leaf monkey	2.3.0
<i>Saimiri sciurea</i> , Squirrel monkey	2.4.0
<i>Presbytis entellus</i> , Common langur	2.2.0
<i>Macaca artoidea</i> , Stump tailed macaque	2.3.0
<i>Macaca fascicularis</i> , Long tailed macaque	2.4.0
<i>Papio sphinx</i> , Mandrill baboon	0.2.0
<i>Arctogalidia trivirgata</i> , Small-toothed palm civet	1.1.0
<i>Viverra zibetha</i> , Malay civet	1.1.0
<i>Felis temminckii</i> , Golden cat	0.2.0
<i>Felis viverrinus</i> , Fishing cat	0.1.0
<i>Acinonyx jubatus</i> , Cheetah	2.3.0
<i>Panthera onca</i> , Jaguar	1.2.0
<i>Panthera pardus</i> , Black panther	0.1.0
<i>Canis mesomelas</i> , Black backed jackal	0.1.0
<i>Macropus giganteus</i> , Grey Kangaroo	2.3.0
<i>Tragulus napu</i> , Greater mousedeer	6.14.0
<i>Hydrochoerus hydrochaeris</i> , Capybara	3.5.0
<i>Oryx dammah</i> , Scimitar horned oryx	1.0.0
<i>Damalisca dorcas philipsi</i> , Blesbok	0.2.

### **Birds**

<i>Berenicornis comatus</i> , White crested hornbill	0.1.0
<i>Anthraceroceros malayanus</i> , Black hornbill	1.1.0
<i>Anthraceroceros convexus</i> , Pied hornbill	1.1.0
<i>Rollulus roulroul</i> , Crested wood partridge	3.3.0
<i>Endocimus ruber</i> , Scarlet ibis	5.5.0

## Surplus to breeding programme -- for exchange

### **Birds**

<i>Crex rubra</i> , Greater curassow	1.1.0
<i>Argusianus argus</i> , Argus pheasant	0.3.0
<i>Ignita rufa</i> , Crested fireback pheasant	0.2.0
<i>Polyplectron inopinatum</i> , Mountain Peacock Pheasant	0.2.0
<i>Buceros bicornis</i> , Greater hornbill	1.0.0
<i>Pelecanus rufescens</i> , Pink-backed pelican	0.0.1

### **Mammals**

<i>Presbytis obscura</i> , Dusky leaf monkey	1.0.0
<i>Hylobates lar</i> , White-handed gibbon	4.2.0
<i>Macaca mullatta</i> , Rhesus macaque	1.1.0
<i>Macaca radiata</i> , Bonnet macaque	3.3.3
<i>Macaca fascicularis</i> , Long tailed macaque	2.0.0
<i>Papio cynocephalus anubis</i> , Savana baboon	1.0.0
<i>Helarctos malayanus</i> , Malayan sun bear	1.1.0
<i>Arctictis binturong</i> , Binturong	2.0.0
<i>Paguma larvata</i> , Masked civet	3.0.0
<i>Felis bengalensis</i> , Leopard cat	2.0.0
<i>Panthera pardus</i> , Black panther	1.0.0
<i>Equus burchelli</i> , Common zebra	0.2.0
<i>Sus barbatus</i> , Bearded pig	1.2.0
<i>Bos taurus</i> , Ankole cattle	3.3.0
<i>Bos taurus</i> + <i>B. Indicus</i> , Seladang + Selembu	1.2.0
<i>Capricornis sumatraensis</i> , Serow	0.1.0

# MORE NEWS

## Tamil Nadu Foresters and former zoo personnel prestigious state award

Dr. S. Paulraj, IFS, Dist. Forest Officer, Dharmapuri and Kalyanasundaram, District Forest Officer, Thirupattur have been awarded Chief Ministers Gold medal for their outstanding service for the year 1998. This is the highest state level award given to government servants. This award was instituted for the first time for the first time from this year onward, and these two zoo officers were the first recipients. The award function was held at Coimbatore on 9.10.98 on the occasion of Wildlife Week. Dr. S. Paulraj was awarded for Wildlife Conservation and Kalyanasundaram was awarded for Forest Protection.

The Citation for Paulraj reads :

"Tamil Nadu Forest Department, Chief Ministers Award 1998 Wildlife Week Celebration Honourable Chief Minister's Gold Medal is awarded to Dr. S. Paulraj, IFS, Divisional Forest Officer for his exemplary and outstanding service.

This officer has done a meritorious service while he was working in Arignar Anna Zoological Park and Grizzled Giant Squirrel Sanctuary. He has written 27 articles on wildlife conservation. Of these 12 articles appeared in international journals.

8 October 1998, Coimbatore

Signed V. R. Chitrapu, IFS, PCCF,  
Forest Department of Tamil Nadu"

Congratulations to Dr. S. Paulraj and S. Kalyanasundaram

## Genetic kit to nab rhino poachers

A sensitive detection kit has been developed in India by Scientists at the National Institute of Immunology, New Delhi. The kit contains a genetic probe that can detect rhino horn even if it is crushed into powder or mixed with anything else to evade recognition by wild life inspectors. The probe is so powerful it can not only find out whether the specimen contained rhino horn but also tell whether it came from rhinoceros in Assam or West Bengal according to Sher Ali, head of the institute's molecular genetics laboratory. Ali and his colleagues who analysed the genetic material of India's one-horned rhinoceros (*Rhinoceros unicornis*) say they discovered a repetitive DNA sequence, a genetic fingerprint which is unique to this species. It was not present in any other animal not even in the double-horned black rhinoceros (*Diceros bicornis*) of Africa. In other words one can use the DNA probe to find out if a particular horn came from India or Africa.

This will be a valuable weapon in the hands of conservationists wanting to track down the source of rhino horn in the illegal market. NII scientists identified the unique genetic fingerprint by analysing the DNA extracted from six wild rhinos from Jaldapara park in West Bengal and one rhino of Assam originally from the Delhi zoo. The DNA fragment was subsequently cloned and sequenced for developing the probe. The Delhi scientists tried to find out if the DNA fragment was present in any other animal in cattle, buffalo, sheep, goat, rat, mouse, fish, rabbit, pig, camel, kangaroo, and the African species of rhinoceros but the test was negative. While the DNA fingerprint is unique to Indian species, the genetic test is sensitive enough to distinguish rhinos of West Bengal from those of Assam.

India News Network, New Delhi, October 1998

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near Sahara Restaurant  
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New Delhi;