

Some advanced and novel findings

Among various findings presented in the symposium the following two findings may be considered as unique and are of applied interest.

i. Application of genetic marker technique using Dung DNA analysis for census and population studies. This technique has been developed for rhinos and elephants by the scientists from Assam. This genetic marker is said to be individual specific and thus will provide accurate census figures. This technique provide wide applications in the conservation and protection of highly endangered species like Rhino and Elephants.

ii. Another interesting finding was the use of the elephant genome protein p53 in the human cancer treatment. Lisa Abegglen, a scientist from Huntsman Cancer Institute, has found out that the major reason for the very low occurrence of cancer among elephants is the presence of more copies of p53 gene (20 copies compare to one copy in human) that are responsible for destroying the cancer cells effectively in the elephant body. This scientist is hopeful of using this elephant gene protein (EP53) as an effective therapeutic agent for controlling the proliferation of cancer cells in human. This finding not only helpful for human but also used to create awareness on the importance of conservation of elephants for human welfare.



Wildlife Reserves Singapore Group



Wildlife Reserves Singapore Conservation Fund

Announcement



Twenty-fifth Annual Conference International Association of Avian Trainers and Educators Atlanta 2017: Where Talent Meets Inspiration February 22-25, 2017 Hosted in Atlanta, GA USA

Papers, posters, site visits, and workshops. Topics will include avian behavior, training, husbandry, conservation, education, enrichment, and show presentation/production.

IAATE members may apply for our Walter Crawford Memorial Conference Scholarship (to cover expenses of conference attendance) as well as grants to support their conservation and education initiatives. See website for application forms.

Paper presenters receive discounted registration fees. Please mail abstracts to:

IAATE Vice President **helen_dishaw@yahoo.com**

For detailed Call for Papers and more information about the conference visit **www.IAATE.org**