



MAZPA

M A L A Y S I A N
A S S O C I A T I O N
O F Z O O L O G I C A L
P A R K S & A Q U A R I A

Dr Kevin Lazarus
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Malaysia

Chairman
Malaysian Association of
Zoological Parks and
Aquaria
(MAZPA)

MAZPA

Malaysian Association of Zoological Parks and
Aquaria

Animal Welfare Approaches



HISTORY


- ◆ 11 April 1995 – Pro-tem committee meeting held in Zoo Negara.
- ◆ MAZPA 's constitution was drafted by Mr Nawayai Yasak(Zoo Melaka), Mr Mohd Talkah Othman(Zoo Johor), Dr Kevin Lazarus(Zoo Taiping), Dr Mat Naim Hj Ramli (Zoo Negara) dan Mr Peter Yeo(Zoo Negara).
- ◆ 10 Jun 1997 – Inaugural Annual General Meeting was held in Panggung Aquarium Tunku Abdul Rahman, Zoo Negara. The Main Committee elected was as follows :

Chairman	- En Idris Abd Malik
Vice Chairman	- En Mohd Nawayai Yasak
Treasurer	- Dr Kevin Lazarus
Secretary	- En Peter Yeo
- ◆ 5 Dis 1996 – MAZPA received CERTIFICATE OF REGISTRY from ROS (Registrar of Societies)


CURRENT MEMBERS

1. Zoo Negara
 2. Zoo Melaka
 3. Zoo Taiping
 4. Zoo Johor
 5. Penang Birdpark
 6. Underwater World Langkawi
 7. Melaka Crocodile Farm
 8. Melaka Butterfly & Reptiles Sanctuary
 9. Pihak Berkuasa Tempatan Pasir Gudang
 10. Bukit Gambang Safari Park
 11. Zoo Kemaman
 12. Penang Butterfly Farm
 13. A'Famosa Animal World Safari
 14. Bukit Merah Laketown Resort
 15. Majlis Perbandaran Kuantan
 16. Sunway Lagoon Theme Park
 17. Aquaria KLCC
 18. Sabah Wildlife Department
 19. Taman Tumbina Bintulu
 20. Lost World Of Tambun
 21. Langkawi Wildlife Park
 22. Farm In The City
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OBJECTIVES ^{1/2}

- ◆ To create a platform for developing closer interaction, cooperation and understanding among members
 - ◆ To coordinate activities of common interest and information exchange
 - ◆ To promote cooperation towards advancement of zoological parks and aquaria in Malaysia
 - ◆ To encourage development of educational and research programmes with a view to improving conservation consciousness and manage captive breeding programmes in support of fauna conservation
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OBJECTIVES ^{2/2}

- ◆ To support in-situ wildlife management
 - ◆ To promote tourism
 - ◆ To ensure members conform to recognised minimum standards of zoo management
 - ◆ To act as mediator between the government and members in the implementation of certain policies when deemed necessary
 - ◆ To assist existing zoological parks and aquaria to attain minimum recognised standards of zoo management and also assist in the establishment of new zoological parks and aquaria
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MAZPA SUBCOMMITTEES

- ◆ Accreditation
 - ◆ Education
 - ◆ Species Management Plan (SMP)
 - ◆ Training
 - ◆ Marketing
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Accreditation Sub-committee

- ◆ To formulate an accreditation policy and guidelines to encourage members to adhere to the highest standards of zoo management. This accreditation will look beyond the compliance to minimum standards currently enforced by law. Members will be audited on a voluntary basis to achieve this certification.

Education sub-committee

- ◆ Organize activities among MAZPA members related to education
- ◆ Sub committee is called AMAZED
- ◆ Holds an annual seminar for education, where presentations from within MAZPA and invited speakers are discussed

Species Management Plan (SMP) Sub-committee

- ◆ To formulate strategies for long term survival of endangered species through captive programmes.
 - ◆ Select endangered Malaysian species to be prioritized.
 - ◆ Active collaboration with member zoos and the Wildlife Department on selected species such as :
 - Malayan Tapir
 - Serow
 - Small Cats
 - False Gharial
 - Hornbills
 - Pheasants
 - Milky Stork
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Training Sub-Committee

- ◆ To organize courses related to animal husbandry and management.
- ◆ Create opportunities for zookeepers to develop skills and gain experience.
- ◆ MAZPA Keepers Field Training Course conducted annually.
- ◆ Other training courses as necessary eg ZIMS, Enrichment

Marketing Sub-Committee

- ◆ To plan strategies to market all MAZPA members.

ACTIVITIES

- ◆ Organise conferences / seminars / workshops to exchange information and discuss matters of common interest
- ◆ Coordinate animal exchange programmes
- ◆ Plan and conduct staff training
- ◆ Undertake conservation activities through captive breeding programmes
- ◆ Coordinate exchange of published information
- ◆ Establish and maintain close rapport and cordial relationships with the relevant government agencies
- ◆ Create opportunities for staff of member zoological parks and aquaria to participate in educational tours in local and foreign zoos
- ◆ Plan promotional and educational programmes
- ◆ Engage in soliciting donations, endowments, subscription and legacies from persons or organisations through legal means to pursue the activities of MAZPA
- ◆ Involve and participate in regional and international zoo and other related organisations

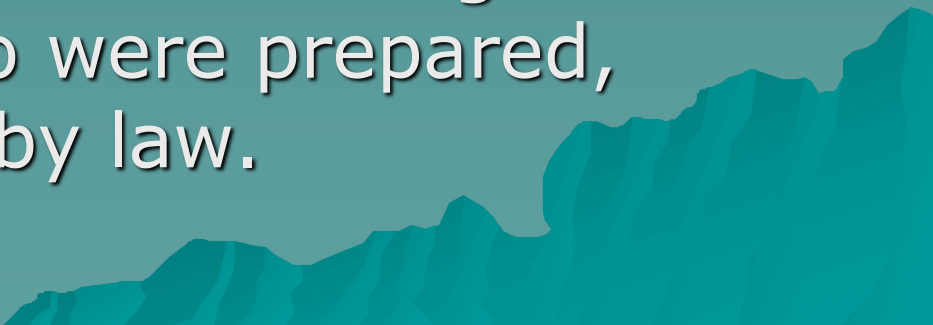
Legal steps taken to improve on welfare of wild animals in captivity in Peninsular Malaysia - Minimum Standards

- ◆ Initiative to improve on animal welfare standards in Malaysia
 - ◆ Initiative by Department of Wildlife and National Parks to implement minimum standards for animal exhibits, holdings and non-exhibit areas (Exercise yard)
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Minimum Standards

- ◆ In 2010 the Wildlife Conservation Act 2010 Act 716 was passed
- ◆ Among others this Act also regulates zoos, and minimum standards and zoo guidelines were established for zoos to comply with
- ◆ MAZPA was actively involved in this
- ◆ Objective was to raise the standards of zoo management in the country
- ◆ Audits are done annually by DWNP together with MAZPA before a zoo operating license is issued

ANIMAL WELFARE APPROACH

- ◆ Wildlife Conservation Act (Act 716) was gazetted on 21st October 2010 in place of the Wildlife Protection Act 1972.
 - ◆ Wildlife Conservation (Operation of Zoo) Regulations 2012 were made in accordance with the requirements of the Act.
 - ◆ Under the regulations, minimum sizes for exhibits and night stalls or holding areas for animals in the zoo were prepared, which is enforceable by law.
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Wildlife Conservation (Operation of Zoo) Regulations 2012

SCHEDULE (Regulation 4) Enclosure Sizes

A. Mammals

Species category	Night stall size for one animal			Minimum size for exhibit area (one pair) (m ²)	Minimum size for non-exhibit area (one pair) (m ²)	Increase in size of the night stall/ area for each additional individual (%)
	Length (m)	Width (m)	Height (m)			
Large carnivores	4.0	3.0	3.0	500	50	10
Small mammals, small carnivores	3.0	2.0	2.5	80	8	10
All bear species	4.0	3.0	3.0	300	30	10
All rhinoceros species, hippos, tapir	5.0	4.0	3.0	500	50	10
Wild cattle*	5.0	4.0	3.0	500	50	5
All deer species, wild horses, antelopes, camelids, wild goats*	5.0	4.0	3.0	300	30	2
Great apes	4.0	3.0	3.0	300	30	5
Medium sized	3.0	2.5	2.0	150	15	5

ANIMAL WELFARE APPROACH

- ◆ 8th June 2012 MAZPA held a discussion among members to further improve the classification of animals according to species to ensure suitable minimum sizes for exhibits and holdings.
- ◆ This improvements were submitted to the Department of Wildlife and National Parks (DWNP) for endorsement.
- ◆ 15 April 2013 Schedule for minimum sizes in the regulations was amended by DWNP in line with MAZPA's proposal.

Wildlife Conservation (Operation of Zoo) [Amendment] Regulations 2013

"SCHEDULE


(Regulation 4)

Enclosure Sizes

A. Mammals

Category of Species	Night stall size for one animal			Minimum size for exhibit area (one pair) (m ²)	Height for close exhibit (if applicable) (m)	Minimum size for non-exhibit area (one pair) (m ²)	Increase in size of the night stall/ area for each additional individual (%)
	Length (m)	Width (m)	Height (m)				
Very large carnivores Lion, Tiger, Cheetah	4.0	3.0	3.0	500	4.0	50	10
Medium large carnivores Leopard, Panther, Jaguar	3.0	3.0	2.5	200	4.0	25	10
Medium carnivores Clouded leopard, Golden cat, Binturong, Red panda	2.5	2.5	2.5	80	4.0	20	10
Small carnivores Leopard cat, Civet, Otter	2.0	2.0	2.5	30	3.0	8	10
Small mammals (Large) Capybara	2.5	2.5	2.5	80	3.0	-	10
Small mammals (Medium)							

ANIMAL WELFARE APPROACH (Non Exhibit Area)

- ◆ 3rd October 2014 discussion between MAZPA and DWNP on addition of minimum sizes for off exhibit areas for reptiles and birds (was not addressed in the earlier standard). Was approved in principle.
 - ◆ 8th – 9th September 2019 further discussion held to add minimum sizes for off exhibit areas for reptiles and birds to the regulation.
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Example of Minimum Standards with addition of minimum sizes for off exhibit areas for reptiles

No	Species	Minimum Size for Exhibits (m ²)	Minimum size of pond area for species that require water (m ²)	Increase in size of exhibit and pond area for every additional individual (%)	Minimum size of off exhibit area, excluding quarantine area (m ²)	Increase in size of off exhibit area for every additional individual (%)
1	<p>Large Crocodilians</p> <p>Crocodylus porosus Crocodylus novaeguineae Tomistoma schlegelii Alligator mississippiensis</p> <p>(for every individual)</p>	30	6 (minimum depth 0.9 meter)	10	15 (up to 2 individuals)	10
2	<p>Small Crocodilians</p> <p>Paleosuchus palpebrosus Osteolaemus tetraspis Caiman crocodilus</p> <p>(for every individual)</p>	10	4 (minimum depth 0.4 meter)	10	8 (up to 2 individuals)	10

Example of Minimum Standards with addition of minimum sizes for off exhibit areas for birds

No	Species	Minimum size of exhibit (m ²)	Number of individuals per minimum size	Height of Aviary (m)	Minimum size of pond area (m ²)	Minimum size of off exhibit area, except quarantine area (m ²)	Increase in size of area for every additional individual (%)
13	Large Flamingo Anhingidae, Fregatidae, Phaethontidae, Sulidae, Balaenicipitidae, Phoenicopteridae, Pelecanidae, Threskiornithidae, Ardeidae	90	Up to 10 individuals	6	25.0 (Depth 0.6 meter)	30 (Up to 10 individuals)	10
14	Medium sized Flamingo Ardeidae (Ardeola spp., Butorides spp.) Threskiornithidae (Bostrychia spp., Eudocimus spp., Geronticus calvus, Platalea spp.)	50	Up to 10 individuals	5	9.0 (Depth 0.3 meter)	15 (Up to 10 individuals)	10
15	Large Galliformes Cracidae, Megapodidae, Phasianidae (Argusianus spp. and	30	Up to 4 individuals	3	-	12 (Up to 4 individuals)	10

ANIMAL WELFARE APPROACH

Enhancement of zoo audit from compliance to minimum standards to further enhance animal welfare standards

- ◆ Department of Wildlife and National Parks (DWNP) held a joint course with MAZPA from 25th- 26th June 2019 in Melaka to implement a new system of audit which will emphasis on overall animal welfare standards in zoos.
- ◆ Zoo operators can do self audit
- ◆ Eventually MAZPA will be entrusted to audit all member zoos for compliance

Audit Form

[illegible][illegible]



Annual Audit



Annual Audit


Basic audit Course





Special Visits

(Base on request or feedback)

- ◆ Carried out from time to time
 - ◆ Evaluating animal husbandry & management
 - ◆ Animal welfare
 - ◆ Improving management system
 - ◆ Exchanging ideas
 - ◆ Follow up on public complaints on members and non members
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Guidelines On the Use of Captive Elephants in Malaysia

- ◆ A set of standards to regulate the daily use of captive elephants in Malaysia in terms of performances and presentations, rides and interactive programs.
- ◆ Discourage practices that may pose a risk to human/animal alike, safety and/or a possible risk to animal welfare.
- ◆ Zoos should comply with the minimum requirements for animal welfare and aim for best practices in animal welfare.

MAZPA Field Training Course –

As a means to improve the husbandry, care and management of zoo animals which will have a direct impact on the welfare of captive wildlife in zoos

- ◆ MAZPA organizes comprehensive Field Training Courses for our members animal care staff. This is done annually since 2004
- ◆ The course takes place over ten days and concentrates mainly on the biology, husbandry and management of a number of different animal groups housed in local institutions.
- ◆ A large part of the training is practical and teaches a variety of skills (such as restraint and enrichment) which can be utilized by staff when they return to their own institution
- ◆ All course material and teaching costs are covered by the host zoo with MAZPA meeting the costs of food for participants. Participating institutions were responsible only for their travel and their accommodation. For non MAZPA members a registration fee of RM500.00 per head was charged.
- ◆ So far a total of 12 Field Training Courses have been conducted. All facilitators are from within MAZPA. The 13th Field Training Course will be held in Zoo Negara from the 7th till the 16th of October 2019

Biology, Husbandry, Management



Restraint

Proper techniques are taught



Enrichment















MAZPA KEEPERS TRAINING COURSE

Conclusion

◆ Steps taken to improve animal welfare standards in Malaysia

- training of zoo staff on proper management methods including husbandry, restraint and enrichment (Field Training Course)
- minimum standards legislation for exhibits, holding and off exhibit areas, which all zoos have to comply with
- audit of zoos by the authority with MAZPA to ensure compliance before issuance of zoo license
- preparation of guidelines for members to comply with for certain cases (eg:- Usage of Captive Elephants)
- visit and advice zoos on improvements if necessary based on request or complaints received
- moving towards an animal welfare based audit of zoos
- towards MAZPA self auditing members

Thank you

