

KARUNA

WILDLIFE RESCUE & REHABILITATION CENTRE



Annual Report for the year 2021-2022



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1. Report of the Officer-In-Charge

- a) The re-recognition by the CZA of Karuna's Wildlife Rescue and Rehabilitation Centre has been pending since our application on 22 May 2020. This concerns the "Old Centre" at Beedupalli.
 - i. Evaluation of Karuna's Rescue Centre was considered at the 38th meeting of the CZA on 16 of Nov. 2020 where the period after 30th of June 2017 was regularised and the recognition was extended till 15 Nov. 2023, subject to compliance as per Zoo rules 2009 and the mid-term evaluation.
 - ii. On 15 and 16 July 2021 Dr. Devender Kumar Evaluation officer at the CZA was deputed to inspect our centre. The renewal of recognition was received from CZA on December 1, 2021, letter dated 30th November 2021 along with questionnaire.
- b) We have appointed Dr. M. Pratap Reddy, B.V.Sc, as full-time veterinarian and Centre supervisor. He is implementing and overseeing. All the protocols like Food samples testing, Medical checkup, and he keeps the Records etc.
- c) During the year 2021-2022 we provided regular first aid to peacocks being poisoned by eating fruits and vegetables that were sprayed by pesticides. They came all specifically from the same area where the farmers are using fertilizer and pesticides. First aid and treatment was provided to rescued electrocuted monkeys. The live electric lines continue to be a threat to the normal lives of Bonnet Macaques.
- d) Our ability to rescue wildlife is at present very limited due to the fact that we do not have adequate facilities to take in any animal. This underscores the need for a speedy development of our new wildlife rescue centre which is already a long time under development.
- e) At the new centre we improved the roads, we extended the compound wall, we improved the electric lines and facilities, the water ways, and plantation. A general clean-up was also done as we are eagerly waiting for the moment we can continue working on completion of the new Centre.
- f) After the approval of the Master Plan on 26.02.2020 Mr.Brij Raj Sharma & team (whom we have appointed for the development of our rescue centre) is at present working with the architect to design the animal enclosures. We will submit the designs as soon as possible to the Technical Committee at the CZA for approval.

2. History of the Rescue Centre

Karuna Society for Animals and Nature is a registered (No. 685 of 2000, Anantapur, Andhra Pradesh, dated September 18, 2000) as a non-profit animal welfare organisation in India under the Society Registration Act XXI of 1860. It is also recognised by the Animal Welfare Board of India (AWBI). The Society is also exempted from income tax under 80G and 12A and also allowed to receive foreign donations under the FCRA.

Karuna Society for Animals and Nature has been involved in the rescue and rehabilitation of local wildlife from its inception in 2000. The Society started with a small housing facility for the rescued wild animal species on four acres of plot in the outskirts of Puttaparthi town, near the Airport in Anantapur district and gradually improved and developed the facilities year by year, adjusting to the needs of the animals and the recommendations made by the Central Zoo Authority.

The Karuna Rescue and Rehabilitation Centre, Puttaparthi, Andhra Pradesh has been recognized as a Rescue Centre (as a "Mini Category Zoo") under section 38H of the Wild Life (Protection) Act, 1972 by the Central Zoo Authority (vide letter no. F No. 22-63/2004- CZA (462) (M) 3635 dated 26.09.2013) up to 30th September, 2015, subject to fulfilment of some conditions (ANNEXURE-V).

On December 1, 2021 the Ministry of Environment, Forest and Climate Change, granted recognition to the Karuna Rescue and Rehabilitation Centre, Puttaparthi for a period up to 15th, November 2023.

3. Vision

A world where wild animals are valued and their conservation assured.

4. Mission

Adopt conservation measures that contribute actively (both directly and indirectly) to the protection of wild fauna and conservation of biodiversity.

5. Objective

The main objective of the Karuna Rescue and Rehabilitation Centre, Puttaparthi is to complement and strengthen the national efforts in conservation of the rich biodiversity of the country, particularly the wild fauna through the following protocol:

- To function as rescue and rehabilitation centres for lifetime care of the captive/captured/seized/abandoned/orphaned/old/diseased wild animals particularly

leopards, sloth bears, monkeys, deer, antelopes and land/flying birds, subject to the availability of appropriate housing and upkeep infrastructure.

- Providing opportunities for scientific studies useful for conservation in general and creation of database for sharing between the agencies involved in in-situ and ex-situ wildlife conservation.
- To further advance best practice animal husbandry, health care and welfare that ensures physical and behavioural wellbeing of the animals in collection.
- To promote sustainable practices in all aspects of the rescue and rehabilitation operations.



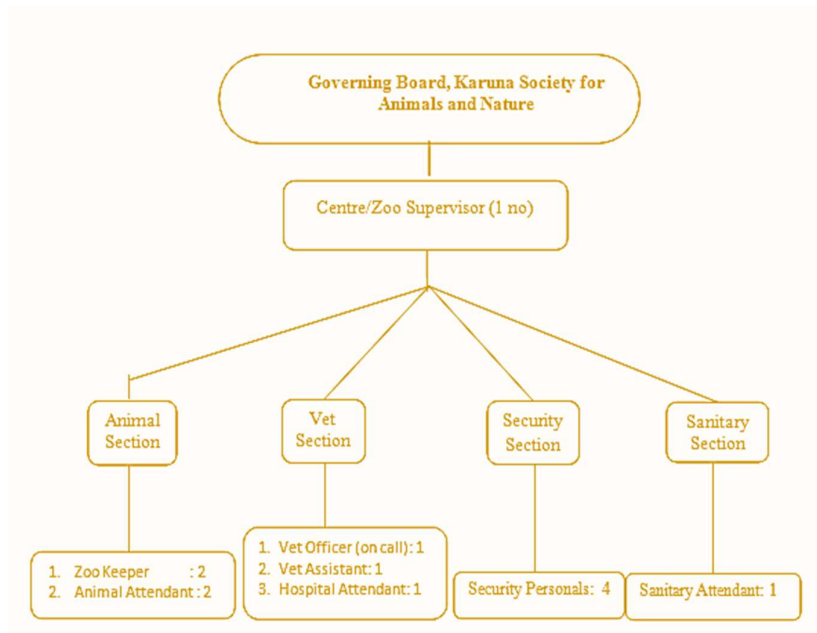
6. About Us

S.No.	Particulars	Information
Basic Information about the Rescue Centre		
1.	Name of the Rescue Centre	Karuna Wildlife Rescue and Rehabilitation Centre, Rayalaseema (O/o Karuna Society for Animals and Nature)
2.	Year of Establishment	2000
3.	Address of the Rescue Centre	Karuna Wildlife Rescue and Rehabilitation Centre, Near Sri Satya Sai Super Speciality Hospital, Puttaparthi, Anantapur – 515 134
4.	State	Andhra Pradesh
5.	Telephone Number	9490360218
6.	Fax Number	-
7.	E-mail address	karunawrrc@karunasociety.org
8.	Website	www.karunasociety.org
9.	Distance from nearest	Airport: Sri Satya Sai Airport (Trust Airport) is just 1 km away, while the Kempegowda International Airport, Bangalore is 126 km
		Railway Station: 2.7 km
		Bus Stand: 5.8 km
10.	Recognition Valid up to (Date)	15th November, 2023
11.	Area (in Hectares)	1.94
Management Personnel of the Rescue Centre		
12.	Name with designation of the Officer in-charge	Dr. M. Pratap Reddy – Centre Manager
	Name of the Veterinary Officer	Dr M. Pratap Reddy & Dr Krishna Chaitanya
	Name of the Curator	Dr M. Pratap Reedy
	Name of the Biologist	-

S.No.	Particulars	Information
	Name of the Compounder/ Lab Assistant	-
Owner / Operator of the Rescue Centre		
13.	*Name of the Operator	Ms Clementien A Koenegras
14.	Address of the Operator	2/138/C Karuna Society for Animals and Nature, Behind S.C Quarters, Enumulapalli, Puttaparthi – 515 134
15.	Contact details/Phone number of Operator	9490360218
16.	E-mail address of Operator	karunasociety@gmail.com



7. Organizational Chart of the Rescue Centre



8. Human Resources deployment for management of Rescue Centre

Human Resources of the Rescue Centre

Sl.No.	Designation	No. of Sanctioned Posts	Names of the incumbent
1.	Centre Operator	1	Clementien A Koenegras
2.	Centre Manager/Supervisor	1	Dr. M. Pratap Reddy
3.	Veterinarian	2	Dr Pratap Reddy Dr Krishna Chaitanya
4.	Zoo Keeper	3	Kessapa Gurikani Narayanswamy Makam
5.	Watchman	3	Venkatesh Urutooru Ramchandra Reddy Lingala Chinna Malappa Mane
6.	Sanitary attendant	1	Ranemma Kummara

9. Capacity Building of Rescue Centre Personnel

- a) From 23rd to 25 June 2021, CZA conducted a hands-on virtual training in the Zoo Management Information System (ZOO-MIS), which was attended by our accountant Rajeswari and our veterinary Surgeon, Dr M. Pratap Reddy.

10. Rescue Centre Advisory Committee

- a) Date of constitution: June 24th, 2017
- b) Members: Mr N Rajasekhar, Clementien A Koenegras
- c) Dates on which Meetings held during the year: NIL

11. Health Advisory Committee of the Rescue Centre

- a) Date of constitution: NIL
- b) Members: NIL
- c) Dates on which Meetings held during the year: NIL



12. Statement of Income and Expenditure of the Rescue Centre

Karuna Wildlife Rescue and Rehabilitation Centre is one of Karuna Society for Animals and Nature Projects. Here is the Income for all Karuna Projects and Expenses for the FY 2021 – 2022 for the Wildlife centre.

Karuna Society bank balance on April 01, 2021 was Rs. 43,83,699/-.

S.No	Month	Exp of FY 2021 - 2022	Income of Karuna Society for FY 2021 - 2022
1.	Apr-21	Rs.1,96,683/-	Rs.1,20,050/-
2.	May-21	Rs.1,55,385/-	Rs.10,97,505.02/-
3.	Jun-21	Rs.1,66,396/-	Rs.11,11,203/-
4.	Jul-21	Rs.1,03,886/-	Rs.8,45,185.8/-
5.	Aug-21	Rs1,36,830/-	Rs.10,56,768/-
6.	Sep-21	Rs.1,57,129/-	Rs.2,46,688/-
7.	Oct-21	Rs.2,08,856/-	Rs.5,08,517.25/-
8.	Nov-21	Rs.1,33,713/-	Rs.15,77,248.78/-
9.	Dec-21	Rs.1,14,589/-	Rs.15,77,555/-
10.	Jan-22	Rs.1,66,604/-	Rs.2,00,766.81/-
11.	Feb-22	Rs.1,12,503/-	Rs.5,96,129.67/-
12.	Mar-22	Rs.1,23,254/-	Rs.2,22,727/-

13. Daily Feed Schedule of Animals

Sl.No.	Species	Feed item
1.	Black Buck	Green fodder consisting of seasonal grass such as- Napier Grass, Peanut Grass, Lucerne grass, Subabul, & Cereal Fodder consisting of – Rice Bran, Maize Powder, Horsegram, G.N Cake, Wheat Gram, Jowar Powder and Mineral Mix.
2.	Sambar Deer	Green fodder consisting of seasonal grass such as Napier Grass, Peanut Grass, Lucerne grass, Maize grass, Subabul, & Cereal Fodder consisting of: Rice Bran, Maize Powder, Horse gram, G.N Cake, Wheat Gram, Jowar Powder and Mineral Mix.
2.	Sloth Bear	Ragi Porridge, Brown Rice, Egg, Milk, Fruits (Seasonal), Vegetables (Seasonal), Dates, Honey, Nuts, Jaggery.
3.	Peacock	Sprouts, tomatoes, green leafy vegetables, coloured vegetables, onion, garlic, boiled eggs, insects.
4.	Bonnet Macaque	Seasonal Fruits, Sprouts, Vegetables, Greens, Bread, Nuts.
5.	Grey Tufted Langur	Seasonal Fruits, Sprouts, Vegetables, Greens, Bread, Nuts.



14. Vaccination Schedule of Animals

S. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
NIL					

15. De-Worming Schedule of Animals

Sl.No.	Species	Drug used	Month
1.	Black Buck	Albendazole/ Fenbendazole/ Ivermectin	Used alternatively every three months
2.	Sloth Bear		
3.	Bonnet Macaque		
4.	Rhesus Macaque		
5.	Grey Tufted Langur		
6.	Peacock	Piperazin/ Albendazole	

16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1.	Black Buck and Sambar Deer	Open air enclosure with wire mesh on front side and compound wall on three sides	Slaked lime is used to thoroughly wash water and feeding troughs; potassium permanganate for foot bath at the entrance of each enclosure; herbal floor cleaner and Vira - Cid disinfectant	1. Slaked Lime is used every 15 days (every 1 month in bear enclosure). 2. Potassium permanganate is used daily as a foot bath. 3. Herbal floor cleaner is used on daily basis. 4. Virucidal disinfectant is used during any outbreak of infectious disease.
2.	Sloth Bear	Open air enclosure with walled compound; individual night enclosures for all bears.		
3.	Peacock	Closed Aviary		
4.	Bonnet Macaque	Covered enclosure made of wire mesh		
5.	Rhesus Macaque	Covered enclosure made of wire mesh		
6.	Langur	Covered enclosure with wall and iron grills.		

17. Health Check-up of employees for zoonotic diseases

Sl. No.	Name	Designation	Date of Health Check up	Findings of Health Check up
NIL				

18. Development Works Carried Out in the Rescue Centre during the Year

Regular maintenance of the centre, individual enclosures of the male black bucks have been made.

19. Important Events and Happenings

The Peacock (Parvo Cristatus) is India's national bird (schedule I) and beautiful. Over the last few months we received Peacocks in similar poor condition, partially paralyzed, they could not fly and stand. They had loose motion and serious dehydration. We carefully treated them but unfortunately we couldn't save one peacock which died. After recovery in good health and certified by our veterinarian all birds except a died one were released in the original location in the presence of the local authorities. The last peacock was released by us. We went to Narpala village (80Km) with local volunteers. We saw that there are many commercial crops in the middle of Mango, Orange and Banana groves like beans, chilly, peanuts, cowpeas etc. The birds can roam freely to eat. We observed that the farmers are spraying a lot of pesticides. In our opinion, the peacocks may get seasonal diseases or be affected by the pesticides. These farmers are very friendly with birds and wild animals. If they find any birds that have fallen in their gardens they immediately inform us and bring the animal on their own expenses. When we released the last bird it flew away very happily and the farmers were also excited to see the bird back in their gardens. We advised them to take care when spraying pesticides to the crops and to make an effort to change the farming to organic which is very natural.

20. Seasonal special arrangements for upkeep of animals

Repair and maintenance for all enclosures were carried out.

21. Research Work carried out and publications

NIL

22. Rescue and Rehabilitation of Wild Animals 2021 - 2022

S. No	Acq. No	Date of Acq.	Species	Sex	Received from	Action taken/released in their habitat
1.	253	08.04.2021	Black buck	Female	Born in sanctuary	In our care
2.	254	17.06.2021	Black buck	Female	Forest Department	In our care
3.	255	20.08.2021	Bonnet Macaque	Male	Rescued	In our care
4.	256	20.08.2021	Bonnet Macaque	Female	Rescued	In our care
5.	257	03.09.2021	Peafowl	Male	Forest Department	Died on 07.09.2021
6.	258	07.09.2021	Bonnet Macaque	Female	Rescued	Released on 15.09.2021
7.	259	22.09.2021	Bonnet Macaque	Male	Public rescued	In our care
8.	260	25.10.2021	Bonnet Macaque	Female	Forest Department	Released on 30.10.2021
9.	261	29.01.2022	Peafowl	Female	Forest Department	Released on 04.02.2022
10.	262	16.02.2022	Peafowl	Female	Bukkapatnam/public rescued	Released on 27.02.2022
11.	263	05.03.2022	Peafowl	Male	Forest Department	Released on 28.03.2022
12.	264	08.03.2022	Peafowl	Female	Bukkapatnam/public rescued	Released on 28.03.2022
13.	265	28.03.2022	Peafowl	Female	Forest Department	Released on 02.05.2022

23. Annual Inventory of Animals

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year: 2021-2022

Animal Annual inventory for the year 2021-2022																													
Part A: Endangered Species: Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972																													
S. No	Animal	Scientific name	Opening Stock				Birth			Acquisition			Disposal			Death			Closing Stock			Total							
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U								
Bird			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U								
1	Peafowl	Pavo cristatus	5	2	0	7	0	0	0	1	4	0	1	3	0	1	0	0	4	3	0	7							
Total Birds			5	2	0	7	0	0	0	1	4	0	1	3	0	1	0	0	4	3	0	7							
Mammals																			0	0	0	0							
1	Sloth Bear	Melurus ursinus	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	6							
2	Black Buck	Antelope cervicapra	1	1	0	2	0	1	0	0	1	0	0	0	0	4	0	0	6	1	5	0	21						
3	Bonnet Macaque	Macaca radiate	6	6	0	1	0	0	0	1	2	0	0	1	0	0	0	0	7	7	0	14							
4	Grey Tufted Langur	Semnopithecus priam	2	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	2	1	0	3							
Total Mammals			2	2	0	4	0	1	0	1	4	0	0	1	0	4	0	0	1	8	6	0	44						
Total Animals			2	2	0	5	0	1	0	2	8	0	1	4	0	5	0	0	2	2	0	51							
6			4			0			5			0			0			2			2			0			51		
Part B: Other than endangered species																													
S. No	Animal	Scientific name	Opening Stock				Birth			Acquisition			Disposal			Death			Closing Stock			Total							
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U								
Mammals			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U								
1	Sambar Deer	Cervus unicolor	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4							
Total mammals			0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4							



Dr.M.Pratap Reddy giving treatment to the animal

24. Mortality of Animals 2021 -2022

S.No	Acq.No	Species	Personal Name	Scientific Name	Sex	Date of Death/Released
1.	223	Black Buck	Arun	Antelope Cervicapra	Male	06.06.2021
2.	257	Peafowl	Manoranjan	Pavo Cristatus	Male	07.09.2021
3.	202	Peafowl	Akshay	Pavo Cristatus	Male	05.11.2021
4.	NR 189	Black buck	Kush	Antelope Cervicapra	Male	19.11.2021
5.	NR187	Black buck	Blackie	Antelope Cervicapra	Male	19.11.2021
6.	219A	Black buck	Krishna	Antelope Cervicapra	Male	22.12.2021

25. Compliance with Conditions Stipulated by the Central Zoo Authority

- a. Renewal of recognition letter dated 30.11.2022 received from CZA along with questionnaire. Replied to the CZA on 29.05.2022. Letter File No. 22-4/2005-CZA (497) (Vol. II) (Pt.), date 30th November 2021.

S I.	Nor m No.	Particulars of suggestions/ recommendation	Time Period to Comply	
1. General Requirements				
1.	10.1 (4)	The height of the front side wall towards entrance does not conform with the standards prescribed by CZA. It is less than as 2 mt.	As there is no incidence of animal escape or entry of animals in past and the zoo is proposed for relocation at new site, no action is suggested but zoo staff should be precautious as the place is surrounded by the human habitation.	Our staff is taking care of the animals in the Rescue Centre and surroundings.
2. Administrative and Staffing Pattern				
2.	10.2 (1)	The zoo should appoint an officer of an appropriate rank as "Whole time in-Charge" preferably of Wildlife/ Zoology background with powers to take decision and ensure that adequate financial resources and infrastructural support is made available to such officer for proper housing, upkeep and health care of animals.	Six months	Dr M. Pratap Reddy, B.V.Sc. has been appointed as full time officer in-charge (Director) and Veterinarian of the Wildlife Rescue & Rehabilitation Centre.
3.	10.2 (1)	The zoo should also make effort to appoint a Biologist to support "Officer-in-Charge" in terms of day to day management of the zoo besides providing scientific & technical	Three Months	Services of a Zoologist are being availed in contractual (part time) basis.

		inputs.		
3. Development and Planning				
4.	10.3 (1)	The zoo based on previous data records/ information regarding rescued animals in the region shall proposed the collection plan along with the carrying capacity of animals for the new proposed site.	Six months	Has been done/proposed accordingly.
5.	10.3 (3)	As there is no quarantine and isolation area present in the Rescue Centre and enclosures do not conforms to CZA prescribed norms/ guidelines, it is proposed that zoo should not accept rescued animals for time being until the completion of construction of new proposed relocation site of the Rescue Centre. However, in case of emergency the animals may be accepted in case housing facility is there.	With immediate effect	WR&RC is not accepting rescued/seized animals for housing for the time being except animals in emergency. Two small rooms/caged structures have also been developed for quarantine of such emergency arrivals.
6.	10.3 (6)	Although zoo has produced documents (copy attached in annexure) towards submission of the report regarding the source from which the animal has been received, legality of its acquisition and the facilities available at the zoo for housing, upkeep and healthcare to the CWLW of the respective State and if the animal pertains to	With immediate effect	We keep informing the animals details along with respective forms to the local wildlife authorities with copying CZA.

		endangered species a copy of report in prescribed format should also be submitted to CZA, but same should be followed each animal.		
4. Animal housing, display of animals and animal enclosures				
7.	10.4	As the existing animal enclosures are not as per CZA prescribed norms/ guidelines and as informed that this is old construction, the general maintenance should be taken up on regularly basis. However, the enclosures should be prepared as per the CZA norms/ guidelines at the new proposed site after approval from the CZA.	Two years	Maintenance of animal houses in existing facility is being taken up accordingly.
8.		Tire used for enrichment in one of the primate enclosures should be removed or shielded with jute rope.	With immediate effect	Removed

5.Upkeep and healthcare of animals				
9.	10.5 (2)	The food & water samples shall be tested periodically (once in a month) at recognized laboratory & report should be maintained.	With immediate effect	Being done accordingly.
10.	10.5 (3)	Animal feed should be stored on a raised platform and it should be ensured that the store is rodent proof.	With immediate effect	Done.
11.	10.5 (8)	The written schedule in consultation with the veterinary officer for screening of animals for	With immediate effect	Done.

		parasitic loads, deworming and their vaccination against infectious diseases should be prepared and displayed at Animal enclosure.		
12.	10.5 (8)	All staff involved with upkeep and healthcare of animals housed in the Rescue Centre should be screened against zoonotic diseases at least once in a year.	With immediate effect	Done.
6. Veterinary and infrastructure facilities				
13.	10.6 (1)	The Animal Treatment Clinic should be maintained properly and to be functional.	With immediate effect	Done
14.	10.6 (5)	Although an experienced animal attendant is deputed in Veterinary section, however, a qualified Stockman or compounder should also be appointed.	Six months	Done
15.	10.6 (6)	Training should be provided to the staff for upkeep and health care of the animals by sending the staff to nearby Large Category Zoos.	Six months	Being Done.

9. Acquisition and breeding of animals

16.	10.9 (9&11)	The zoo should consider releasing of the fit and healthy recovered rescued animals to its natural habitat after obtaining permission from the Chief Wildlife Warden and following standard protocol laid down by the CZA and the IUCN in this regard.	With immediate effect.	Being done
12. Visitor's facilities				
17.	10.12 (2)	The anti-venom serum and lifesaving drugs should also be available along with first aid kit for the safety	With immediate effect.	Being done.



Dr.Devendra Kumar evaluating the centre in the presence of Centre Operator Clementien A Koenegras, C.Narendra Reddy, Secretary and Dr.M.Pratap Reddy.

