



The Para Sight

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Indian Association for the

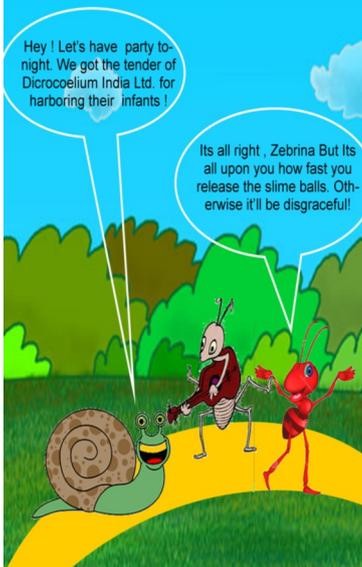
IAAVP

Advancement of Veterinary Parasitology

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Partoon! -Dr.Gopal Bharkad



Memorable XXIII NCVP Organized successfully at Guwahati (Assam)



1. Prof. P.K. Sanyal, President IAAVP inaugurating 23rd NCVP by lightening the lamp with. Dr. K.M. Bujarbaruah, Hon'ble Vice-Chancellor, A.A.U. and Dr. P.C. Sarmah, Organizing Secretary. 2. Prof. S.K. Gupta, General Secretary IAAVP & dignitaries releasing the Compendium of the Congress.

Guwahati, Assam

(Dr. P.C. Sarmah) :

The 23rd National Congress of Veterinary Parasitology and a National Symposium on the theme "Parasitology Today: From Environmental and Social impact to the application of Geoinformatics and Modern Biotechnology" was held from 12th -14th December, 2012 at the College of Veterinary Science, Assam Agricultural University,

Khanapara. The Congress being first of its kind in the entire N.E. Region was organized by the Department of Parasitology under the aegis of the Indian Association for the advancement of Veterinary Parasitology. The inaugural ceremony of the 3-day National Congress was attended by Shri Nilamani Sen Deka, Hon'ble Minister for Agriculture, Horticulture, Food Processing & Parliamentary Affairs, Govt. of Assam as the

Chief Guest and Dr., J. Mahanta, Director, Regional Medical Research Centre, N.E. Region (I.C.M.R), Dibrugarh as the Guest of Honour. The meeting was presided over by Dr. K.M. Bujarbaruah, Hon'ble Vice-Chancellor, A.A.U. A total of 129 delegates from different parts of the country including the host institute participated in the Congress.

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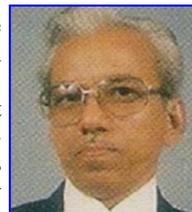
SAD DEMISE OF DR. D.K. MASKE, VICE PRESIDENT (CENTRAL ZONE) OF IAAVP

Nagpur: Dr GP Bharkad/Dr. AK Jayraw/ Dr SG Jadhav

Dr. D.K. Maske, Vice-President of IAAVP breathed his last due to heart failure on 7th May 2013. He was retired as Professor and Head, Department of Veterinary Parasitology, Nagpur Veterinary College, Nagpur.

IAAVP condoles the death of its Vice President Dr. D.K. Maske, Nagpur (Maharashtra), saying we were deeply sorry and empathis on his loss.

Dr Maske was born in January, 1951 at and completed his school study at Nagpur. He done



Dr. D. K. Maske

his BVSc & AH from NVC, Nagpur and MVSc from Veterinary College, Hisar under the guidance of Dr N.S. Ruprah in the year 1978 and 1991 respectively. He got ICAR fellowship for the PG

programme. Further, he completed his doctoral degree at NVC, Nagpur under Dr. M.R. Sarde in 1991. He guided near about 30 M.V.Sc students and 1 Ph.D student in Veterinary Parasitology .

His research interest was on ticks and recently before his retirement he completed a ICAR funded research project on Immunological Control of Bovine Ticks'. He was active member of the IAAVP and honored with 'Fellow' of IAAVP.

From the Editor's Desk**Editor****Dr. Gopal P. Bharkad**

Associate Professor
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It's very great experience for me to feel the feedback received from all members from the senior most to the junior in all forms viz., e-mails, telephonic calls, even letters. It is very good for the development and improvement in the News letter.

We are learning from every step and still we have miles to go and there is a lot of scope to improve. This is again a very honest attempt to reach close to your expectations.

Besides the positive feedback and good response, it is very essential to have active participation of respected members of IAAVP in sharing the information and contributing to the quality contents of the news letter.

We are expecting not only the contribution but also suggestions of all kind. This will definitely be a source of inspiration for the editor, people working directly or indi-

**Editorial**

rectly for the issue and the society.

The first issue of 'The Para Sight', which was circulated in the soft form earlier due to lack of funds is published in hard form which was sponsored by M/s. Pfizer India Ltd. It is on the way to reach you soon. The

I'm very much thankful to Pfizer for it.

The members who are not getting the issue of The Para Sight, are again kindly requested to mail me along with their Member ID/No. and address.

I thank all of them who have contributed in this issue. I express my sincere thanks to Dr. P.K. Sanyal, President, Dr. S. K. Gupta, General Secretary and Dr. P. S. Banerjee, Editor-In-Chief, JVP for extending hands of help wherever found necessary.

I also thank Your suggestions and guidance are more valuable and important to us to bring further improvements in coming issues of 'The Para Sight'.

Dr. Jeyathilakan, honored by Government of Tamil Nadu For Developing Dipdisc test of Hydatidosis



Dr. N. Jeyathilakan received an appreciation award from Thiru. T.K.M. Chinniah, Hon' ble minister for Animal husbandry, Government of Tamilnadu in the presence of TANUVAS Vice-Chancellor Dr. R. Prabhakaran and Director of Animal husbandry, Dr. R. Palanichamy, Government of Tamilnadu.

**Chennai, Tamil Nadu
(Dr. N. Jeyathilakan) :**

Dr. N. Jeyathilakan, Ph.D,
Professor and Head, Depart-

ment of Veterinary Parasitology,
Veterinary College and Research
Institute (TANUVAS),
Orathanadu, Thanjavur,-Tamil
Nadu received an appreciation

award from Thiru. T. K. M. Chinniah, Hon' ble minister for Animal Husbandry, Government of Tamilnadu for developing a new technology "Dipdisc ELISA for diagnosis of hydatidosis in human beings and animals" at the function "Technology release 2013" of TANUVAS -VAS and Kalnadai & Meenvara vizha" organized by Post-Graduate Research Institute of Animal Sciences, Kattupakkam, Tamil Nadu on 19.01.2013.

CAFT, Bangalore Completes 30th ICAR Sponsored Winter School



Universities. This 30th training of this centre was conducted by Dr. Placid E. D'Souza, Professor cum Director of this centre which was incepted in 1995 as a plan project

Bangalore :

(Dr. Placid E. D'Souza)

The Centre of Advanced Faculty Training funded by the ICAR, New Delhi and functional in the Department of Parasitology, Veterinary College, KVAFSU, Hebbal, Bangalore conducted the XVII National Training programme for 21 days on "Strategies to control parasitic diseases of livestock and poul-

try under different managerial systems" from 18th November to 8th December 2013.

The participants comprised of 17 teachers from five different states namely Jammu & Kashmir, Bihar, Andhra Pradesh, Tamil Nadu and Karnataka. The resource scientists included the faculty from this college, NIVEDI, IAH&VB, NBAII, BCRL and experts from different

of the ICAR, New Delhi commenced in the 8th plan and continued into the 12th plan period.

The Hon'ble Vice Chancellor of KVAFSU, Bidar, Dr. C. Renuka Prasad was the Chief Guest and Dean Veterinary College, Bangalore, Dr. S. Yathiraj presided at valedictory of the training. Dr. Y. Basavaraj, Director of Extension KVAFSU, joined in distribution of certificates to the participants.

ICAR Sponsored Winter School at IVRI, Izatnagar



Izatnagar:

(Dr.P.S. Banerjee)

An ICAR sponsored winter School on "Molecular Biological Approaches for Diagnosis and Control of Parasitic Diseases." of 21-day duration was organised at the division of Parasitology, IVRI, Izatnagar, w.e.f. 2nd to 22nd December, 2013. Twenty four participants, representing different ICAR

institute and SAUs/SVUs of 13 states of the country participated in this winter school. The school included 35 lectures and 18 laboratory classes on different aspects of molecular techniques applicable in Parasitology research. All the faculty of Division of Parasitology, IVRI and nine faculties from other divisions of the institute delivered lectures and conducted practical classes. Besides, Prof. M.C. Agrawal, Ex. National Fellow & Head, Deptt. of Parasitology, Jabalpur, Prof. B.R. Mirdha from AIIMS,

New Delhi and Dr. Rajender Kumar, National Fellow delivered lectures. In addition to molecular techniques, the participants also got a chance to hone their skill on conventional diagnosis of parasitic diseases. On request of the participants, a lecture on "Effective class room teaching" was also arranged.

Prof. Amresh Kumar, Ex-Dean, Veterinary College, GBPUA&T, Pantnagar, graced the inaugural function along with Dr. V.P. Singh, Joint Director (Acad), IVRI. On successful completion of the winter school, Prof. Gaya Prasad, Director, IVRI, distributed the certificates to the participants. Dr. P.S. Banerjee, Head, Division of Parasitology and Course Director of the Winter School, congratulated all the participants on successful completion of the winter School.

Heroes of Indian Parasitology



DR. G. D. BHALERAO
(1897-1948)

"Dr. Bhalerao had been connected with the Indian Institute of Veterinary Research, where he occupied severally the positions of a helminthologist, an Officer-in-charge of the Veterinary Zoology and at the time of the partition of India, as Officiating Director of the said Institute".

Dr. G. D. Bhalerao (1897 -1948)

Dr. Bhalerao was born on the 10th of December 1897 at Wardha and received his early school education in his home town. He, then, migrated to Hislop College, Nagpur, and obtained the B.Sc. degree of the University of Allahabad in 1920. There were no arrangements for higher studies at Nagpur in Zoology in those days. He, therefore, went to join the muir Central College, Allahabad, to work under Dr. W.N.F. Woodland and took the M.Sc. degree in Zoology. He was a conscientious devotee to the cause of scientific research and in order to widen his outlook he went abroad in 1935. While in England, he joined the School of Hygiene and Tropical Medicine, London, and worked under the distinguished guidance of the leading Helminthologist, Professor R.T. Leiper, F.R.S., now Director, Commonwealth Bureau of Agricultural Parasitology, at St. Albans and obtained the Ph.D. and later the D.Sc. from the University of London. He also obtained a D.Sc. degree of the University of Allahabad.

Dr. Bhalerao was interested in teaching and soon after his M.Sc. Degree he was selected for and appointment as a lecturer in Biology at Hislop College, Nagpur. Subsequently he served successively on the staff of the University College, Rangoon (Burma) and College of Science, Nagpur. It was at Rangoon that he came in contact with Professor F.J. Meggitt who moulded his career and created his interest for research in Helminthology. He Published his first few papers on the Trematode parasites of Vertebrates under the guidance of

his chief. His enthusiasm for helminthological research was likely to grow under suitable conditions and he little knew that it would result in a change of his profession. In 1930, he finally gave up teaching Zoology and accepted the post of a Helminthologist at the Veterinary Research Institute, Mukteswar, Kumaon Hills, U.P., Which institution he served till his death. Here he had ample opportunities to carry on researches in his favourite subject. There was a huge collection of helminth materials received from all over the country and library and laboratory facilities which could not be had at any place, not only in the country but perhaps in the east. It was best equipped for research. Under such favourable conditions he devoted himself wholeheartedly to research in helminthology. As a result of his investigations on the collection at Mukteswar, he published several papers describing new forms and gave a revised diagnosis of those forms that were already known. Finally, in 1935, he published a valuable Monograph on the 'Helminth Parasites of Domesticated Animals in India,' which work he was, at the time of his death, revising for a second edition under the directions of the Indian Council of Agricultural Research. Needless to say that this monograph is widely used by the investigators in the veterinary department of the country. Although it has its inherent defects in lacking suitable keys, it is also used by the beginners in helminthological studies at the Universities as one of the books of references.

Bhalerao was entrusted with the arduous task of compiling the 'Fauna of British India Volume on Trematoda,' a work for which he had amassed an enormous collection of material and literature. I understand this work, at the time of his death, was in a fairly advanced stage of preparation. He had made voluminous index cards with figures and descriptions of the various genera and species already known and also brief summaries of the new forms which he intended to describe. It will, therefore, be in the fitness of things if the authorities recognize the work of his several years, labour and pass it on to a senior helminthologist in the country so that the wealth of knowledge obtained and discovered by Bhalerao may be suitably collated.

Ever since his appointment in 1930, Dr. Bhalerao had been connected with the Indian Institute of Veterinary Research, where he occupied severally the positions of a helminthologist, an Officer-in-charge of the Veterinary Zoology and at the time of the partition of India, as Officiating Director of the said Institute. He carried out all his duties on these posts with conspicuous success and always earned approbation from his superiors.

Dr. Bhalerao was a member of several scientific societies and Government committees. He presided over the Zoology section of the Indian science Congress in 1947 and subsequently was the President of the Medical and Veterinary Section of the same body in 1948. He thus attained a fairly eminent position in the scientific field in the country.

In 1938, Dr.

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Heroes of Indian Parasitology

DR. P. G. Pandey (1905-1976)

Dr. P.G. Pandey, B.Sc, M.Sc, MRCVS was a genius student, animal disease investigator, founder Principal of Veterinary College, Mathura (Uttar Pradesh), and founder of Animal Science Department of Agra university. He was also Director, Animal Husbandry and Fishery Department, U.P and Director, Indian Veterinary Research Institute, Mukteshwar/ Izzatnagar.

Dr. Pandey was born in 1905 at Village Sikhar in the District Mirzapur, U.P in a farmer family who were engaged in agriculture as well as animal husbandry keeping cows and buffaloes. Dr. Pandey obtained his B.Sc (Hons) in First Class and obtained M.Sc in Zoology from University of Allahabad and was awarded Gold Medal. In 1928, Govt. of India nominated him for higher studies at Royal Veterinary College, London.

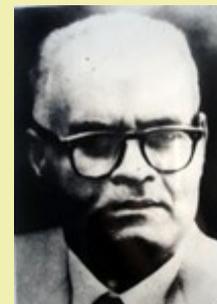
He was the first person from his district to get this honour. In 1933, he became MRCVS and started his career as Disease Investigation Officer (DIO) in Assam. There he investigated upon some diseases of unknown aetiology and got international acclaim. These diseases were amphistomiasis in bovines, sheep and goat and "Hump sore" in cattle. The causative agent of hump sore discovered by him was *Stephanofilaria assamensis* which is still quoted as *Stephanofilaria assamensis* Pande, 1936.

In 1957, Dr. Pandey was appointed Director, Animal Husbandry and Fisheries Department, Uttar Pradesh and under his leadership well equipped laboratories were established at every level for rapid diagnosis of diseases. In September, 1958 Dr. Pandey joined the coveted post of Director, Indian Veterinary Research Institute, Mukteshwar/Izzatnagar which was the highest honour in the veterinary profession in the country.

He became instrumental in improving the administrative setup and suggested Government of India to improve upon the standard of Veterinarians. He played pivotal role in the modernization of I.V.R.I. He started a nine months diploma course in Preventive Veterinary Medicine with the objective that veterinarians from different regions in the country get a practical training. Therefore, Dr. Pandey laid the foundation stone for growth and development of veterinary profession.

In 1959, Dr. Pandey was honoured by Indian Science Congress by designating him as President of Medical and Veterinary session where he delivered his presidential lecture on "the place of veterinary research in the nation's plan for food production." He was of the opinion that no country in the world can solve its food problem only by agricultural production and stressed upon the need for animal products which will be of immense help in solving our food problem. He greatly emphasized upon the need for production by bovines. He remained Director IVRI till 1961. Dr. Pandey in later stage of his life worked as Professor and Head of Pathology at Baghdad, Iraq where he was greatly honoured. Due to illness of his wife he came back to India and served as Honorary teacher of Animal Science, Kulbhaskar Ashram Degree College, Allahabad for two years.

Besides his scientific and teaching endeavour, Dr. Pandey was a great lover of language and he established an institution named "Bhasha Sangam" and while presiding over a function of this institution Dr. Pandey suffered from a heart attack and on 25th August, 1976 left for heavenly abode.



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Continued from page 4. Dr. G.D. Bhalerao

Dr. Bhalerao had a thorough knowledge of the systematic helminthology. He was particularly interested in the field of Veterinary Helminthology which he expressed in his numerous original researches published in various journals, foreign and Indian (A list of his published researches is appended). In one of his contributions, Dr. Bhalerao reports the occurrence of *Schistosoma japonicum* from pigs in India. If this is correct there seems to be a

danger of the spread of this infection to man, as it is transmitted to man through the intermediary snail host in China and Japan and may possibly infect man here also.

The sudden death of Dr. G.D. Bhalerao, due to heart failure, on the 6th of December 1948, has deprived India of one of its enthusiastic investigators in the field of helminthological research. He was only 51 at the time of his death.

-Dr. Arvind Prasad
Principal Scientist
Div. of Parasitology
IVRI, Izzatnagar.
drarvindivri@rediffmail.com

WORKSHOP ON CONTROL OF ENDOPARASITISM IN ANIMALS ORGANISED AT COLLEGE OF VETERINARY & ANIMAL SCIENCES, PARBHANI (M.S.)



Release of Souvenir during inaugural function of workshop (from left Dr. S. T. Kalwaghe, Dr. M.S. Deshmukh, Dr. B. S. Khillare, Dr. P. R. More, (Associate Dean) Dr. G. M. Chigure (Organizing Secretary), Mr. Manish Hingade, Dr. B. W. Narladkar)

Parbhani, MS (Dr. G.M. Chigure) :

The Department of Veterinary Parasitology, College of veterinary and Animal Sciences, Parbhani, organized two, one day workshop on "Control of endoparasitism in animals" for the dairy farmers under "Sunahara Kal" Project, implemented by BAIF & sponsored by ITC Ltd.

The first workshop was organized on 8th June 2013 for which 136 dairy farmers were present & second workshop was organized on 7th July 2013, attended by 111 dairy farmers.

Both workshops were inaugurated by Dr. P. R. More, Associate Dean, COVAS, Parbhani. In Presidential speech he narrated impor-

tance of technology & control of endoparasitism for profitable dairy business, Dr. Gajanan Chigure, organizing Secretary briefed about aim of workshop while Dr. M. S. Deshmukh, programme coordinator, MITRA, BAIF, Parbhani explained concept & objectives of "Sunahara Kal" Project implemented by BAIF & sponsored by ITC Ltd.

On this occasion a booklet written in local language (Marathi) entitled "Kifayatsheer dugdh vyawsaysathi Chuppya Parjivinch Niyantarn" was released by the dignitaries and was distributed to all participating dairy farmers.

On the day of events the deliberation started with the presentation of Dr. B. W. Narladkar on control of parasites with special emphasis on importance of deworm-

ing in animals. Then Dr. N. M. Markandeya opined the effect of endoparasitism on reproductive performance in animals. Dr. G. M. Chigure has focused on control of haemoprotozoan parasites in animals followed by a lecture on herbal endo-parasiticides by S. R. Rajurkar and Dr. B. S. Khillare introduced the parasitic specimens to the participants at departmental museum.

In the concluding session major participants voluntarily took part in the discussion and asked their queries about general management of animals in relation to parasitism. The faculties of clinical departments & department of Parasitology satisfy their related queries. The event ended with vote of thanks by Dr. S. T. Kalwaghe.

The 25th Congress of the WAAVP will be held in Liverpool, United Kingdom

Following on from the 24th WAAVP Congress in Perth, Australia, we are very pleased to announce that the 25th International Conference of the World Association for the Advancement of Parasitology which will be held in Liverpool, United Kingdom from 15th-20th August 2015 and is hosted by the School of Veterinary Science, University of Liverpool. Major sponsorships

World Association for the Advancement



are in the final stages of negotiation and our Scientific Committee is starting to work on planning the programme with a theme of "Looking to the Future". The 25th International Conference of the World Association for the Advancement of Veterinary Parasitology will be held at the Arena and Convention Centre, Liverpool 15-20 August 2015.

Courtesy: www.waavp.com

23rd NCVP..... *Contd...from page.1*

Key note address on the theme of the Symposium was delivered by Dr. C. L. Yadav, Professor & Head, Deptt of Parasitology, Central Agricultural University, Aizwal, Mizoram.

by Dr. C. L. Yadav, Professor & Head, Deptt of Parasitology, Central Agricultural University, Aizwal, Mizoram. The scientific discussions were held in 5 technical sessions. Lead papers were invited from 9 resource persons of national and international repute and altogether 48 contributory research papers were presented by the participants in five technical sessions including the Poster session. Moreover, a total of 9 young scientists from different parts of the country participated in the J. P. Dubey Young Scientist Award session by presenting their research papers. The Congress was concluded with few recommendations for consideration of the appropriate authority.

Group Photo of 23rd NCVP



Delegates from all over India participated in 24th National conference of Veterinary Parasitology organized by Department of Veterinary Parasitology, Assam Agricultural University at Guwahati (Assam) during 12-14 December, 2012.

Para-Puzz -Dr. Gopal P. Bharkad

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ACROSS

- 2. Larva of Cyclorrhaphan flies is also called as...
- 6. A natural remedy for Demodicosis
- 7. ICAR Monograph on Schistosomiasis
- 8. A zoonotic nematode transmitted by fish
- 10. Drug of choice for amoebiasis
- 11. Editor of a book 'Parasitology in Focus'
- 12. Most immunogenic spp. of coccidia

DOWN

- 1. Molecular weight of H11 Vaccine candidate for H.contortus
- 3. Larvae responsible for Heal Bug in equines
- 4. Vaccine Against theileria
- 5. Eggs with threadlike filaments at both ends
- 9. Researcher who discovered Toxoplasma gondii (.....and Manceaux)



1 Dr. Ajeyta Rialch receiving J.P.Dubey Young Scientist Award in 23rd NCVP held at Guwahati (12-14 December, 2012). 2 National Fellow of IAAVP bestowed to Dr. J. D. Ghosh by Hon. VC Dr. Bujarbaruah. and 3 Dr. S. C. Gupta 4 Dr. Kanta Bhattacharya, being honoured by Dr. . 5 The 2nd issue of 'The Para Sight' released on 15.3.2012. 6 Students performing in Cultural show, 7 Participants in Poster session, 8 & 9 Glimpses

