

PROFILE OF SCIENTIST/RESEARCH WORKER

Name: *K N Ganeshaiiah*

Address:

*Prof K N Ganeshaiiah,
Department of Forestry and
Environmental Sciences, UAS
GKVK Bangalore 560 065*

Telephone *080 23636276*

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Qualification *Ph.D. in Agril Botany*

Area(s) of Specialization *Biodiversity and Ecoinformatics*

Occupation/Designation *Professor, Division Head*

Major Activities *Mapping Bioresources, Digital
inventory of bioresources, Plant
reproductive strategies, and
Insect plant interactions*

Awards/Recognitions *Fulbright Fellow (1991)*

Fellow, Indian Academy of Sciences, Bangalore (Since 1991)

Fellow, Indian National Science Academy, New Delhi (Since 1997)

*Fellow, National Academy of Agricultural Sciences, New Delhi.
(Since 2004)*

Fellow Current Science Association, Bangalore.

Honorary Senior Fellow, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, (1995-)

Senior Fellow Ashoka Trust for Research in Ecology and Environment, Bangalore, India.

Parisara Prashasthi, (Karnataka State Environment Award) from the Department of Forest Ecology and Environment, Govt of Karnataka, India (1997).

Karnataka Sahitya Academy Datti Award 2008 for the Kannada novel (*Kanakamusuku*) (2009)

British Petroleum Award for 'Resource Substitution'

The Ryutaro Hashimoto APFED Award, Gold Prize for promoting ingeneous use of a plant invasive, *Lantana camara*, by **Asia Pacific Forum for Environment & Development**, Japan, 2009

Vocational Excellence Award by Rotary Club of Bangalore Yelahanka, 2008

Prof. K N. GANESHAIAH

Dr. K. N. Ganeshaiah

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Date of Birth: 10th May 1953

Place of Birth Kotiganahalli, Kolar District

Education:

Ph. D. University of Agricultural Sciences, Bangalore, India, 1983
M.Sc. (Agri.) in Genetics & Plant Breeding, UAS, Bangalore, 1979
B.Sc (Agri.), University of Agricultural Sciences, Bangalore, 1976.

Current Position:

Professor & Head,
Department of Forestry and Environmental Sciences,
University of Agricultural Sciences, Bangalore, India.

Honors/Recognitions/Awards:

Fulbright Fellow, USA (1991)

Parisara Prashasthi, (Karnataka State Environment Award) from the Department of Forest Ecology and Environment, Govt of Karnataka, India (1997).

Vocational Excellence Award by Rotary Club of Bangalore Yelahanka, 2008

Karnataka Sahitya Academy Datti Award 2008 for the Kannada novel (*Kanakamusuku*) (2009)

British Petroleum Award for 'Resource Substitution'

The Ryutaro Hashimoto APFED Award, Gold Prize for promoting ingeneous use of a plant invasive, *Lantana camara*, by **Asia Pacific Forum for Environment & Development**, Japan, 2009

Radio, Hope and Awareness Media Award fromom **International Radio Forum – Iran** (2010)

Recognitions from Scientific Bodies

Fellow, Indian Academy of Sciences, Bangalore (Since 1991)

Fellow, Indian National Science Academy, New Delhi (Since 1997)

Fellow, National Academy of Agricultural Sciences, New Delhi. (Since 2004)

Fellow Current Science Association, Bangalore.

Honorary Senior Fellow, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, (1995-)

Senior Fellow Ashoka Trust for Research in Ecology and Environment, Bangalore, India.

Editorial Board and Other Services

Current Science (1991-)

My forest (1991-)

International Journal of Phytomorphology

Proceedings of Indian National Science Academy (2006-)

Life Scape of India (Indian Academy of Sciences series on Biodiversity of India)

Member of Government Committees / National Task Forces/ Selection Committees:

International working group on *Dipterocarps*, Pondicherry, India (since 1995)

Expert Committee on Medicinal and Aromatic Plants, CSIR, Govt of India

Research Council, Dept. of Forests, Ecology and Environment, Govt. of Karnataka (since 1994)

Expert Panel, Research Advisory Committee, Rubber Research Institute of India, Kottayam, Kerala (since 1996)

Member, Executive Board, Ashoka Trust for Research in Ecology and the Environment, Bangalore (since 1996)

Expert Committee, Central Silk Board, Bangalore (since 1995)

Research Advisory Council, Salim Ali Centre for Ornithology and Natural History, Coimbatore (since 1994)

Member, Programme Advisory Committee (Animal Behavior and Ecology), Dept. of Science and Technology, Govt. of India (1991- 1994)

Member, Management Advisory Committee (Young Scientist), Dept. of Science and Technology, Govt. of India (1992-1998)

Expert Committee on Eastern and Western Ghats, Ministry of Environment and Forests, Govt of India.

Life Member, International Union for the study of Social Insects – Indian Chapter, UAS, Bangalore

Founder Member, Ecology and Natural Resource Unit, UAS, Bangalore

Life Member, Ethological Society of India.

Founder TRUSTEE, Ashoka Trust for Research in Ecology and Environment, Bangalore, India

Member, Marine Coastal Ecology, East Coast under the scheme “Ministry of Ocean Development (MoOD).

Associate Member, National Institute of Advanced Studies, IISc, Bangalore.

Research Advisory Council Member, SERIBIOTECH, Bangalore (1993)

Member, Expert group on Application of Biotechnology for Biodiversity Conservation, NBDB, DBT, GOI, New Delhi.

Member, Task Force for Rejuvenating BSI and ZSI, constituted by Ministry of Environment, GoI. (2009-10)

Chairman, for establishing a web portal for Karnataka Bioresources by KSCST, GoK, Bangalore (since 2008)

Member, Task Force on setting up web portal for ‘National Biodiversity Information System (NBIS)’ by National Biodiversity Authority, GoI, Chennai (2010)

Member, Biodiversity Board, Orissa (since 2010)

Member, Biodiversity Board, Karnataka (2005-2007)

Member, Western Ghats Ecology Expert Panel set up by MoEF, GOI New Delhi, (2010-2011)

Member, Research Council, NBRI, Lucknow (2010-)

Member, Expert Committee NSDI, DST, GOI New Delhi(2009-2011)

Chairman, Committee for Agricultural Biodiversity, KBB, GOK, Bengaluru (2010-)

Member, Expert Committee, PAC on Climate Change, DST, GOI, New Delhi (2010-)

Member RAC of SACON Coimbatore (2011-)

Member RAC of NBRI (2011-)

Summary of Publications, Projects, Products and other outputs

<i>Details</i>	<i>Numbers</i>
<i>Scientific Articles</i>	: 157
<i>Scientific Books Edited</i>	: 11
<i>Scientific Books written</i>	: 6
<i>Papers in Books</i>	: 38
<i>Papers Proceedings</i>	: 14
<i>Popular Articles</i>	: 13
<i>CDs Prepared</i>	: 11
<i>Kannada Literature (books)</i>	:

<i>Novels</i>		<i>6</i>
<i>Short Stories</i> <i>(in four collected publications)</i>		<i>27</i>
<i>Other Articles</i>	<i>5</i>	
<i>Total Publications</i>	<i>:</i>	<i>288</i>

Others:

1. Has guided 15 PhD, Post graduate students.
2. Has delivered over 150 talks in India and abroad

Contribution to Kannada Literature

- i. Authored four Novels / Fictions
Kanakamusaku- Science fiction with historical theme
Karisiriyana- Historical fiction
Kapilipisara- Science fiction
Chitadanta- Historical fiction
ELu RottigaLu - Historical fiction
Mukha Dhatu- Science Fiction
- ii. Authored three short story collections
Padmapani (A collection of eight short stories)
Shalabhanjike (A collection of eight short stories)
Nehala (A collection of eight short stories)
Sigiriya (A collection of three novellettes)
- iii. Three of the short stories are staged as dramas and one short story is adopted for a movie.
- iv. Authored several articles in Kannada on Science and history

LIST OF PUBLICATIONS OF GANESHAIAH, K. N.

1. Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1980, Evolutionary significance of pollen to ovule ratio - A study in some pulse crops. *Curr. Sci.*, **49**: 244-245
2. **Ganeshaiyah, K.N.**, Uma Shaanker, R. & Udaya Kumar, M., 1980, Solar energy utilization efficiency in cereals and dicots an approach based on energy consumed. *Indian J. Exp. Biol.*, **18**: 700-702
3. Shashidhar, H.E., Hiremath, S.R., Shivashanker, G., **Ganeshaiyah, K.N.**, and Chandrasekharaiah. S.C., 1980, A new device to measure the horizontal spread in horsegram. *Curr. Res.*, **9**: 83-84
4. **Ganeshaiyah, K.N.** & Uma Shaanker, R., 1981, Auto-parasitization of leaves in pulses - N limiting or C limiting? *Curr. Sci.*, **50** (21): 942-944
5. **Ganeshaiyah, K.N.**, Shivashanker, G. & Hiremath, S.R., 1982, Genetic variability for yield and other characters in germplasm of horsegram (*Dolichos biflorus* Linn). *Mysore J. Agri. Sci.*, **16** : 400 - 403
6. Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1982, Evolutionary significance of economy in the pollen grain to ovule ratio in the process of crop domestication. *Proc. Indian Natl. Sci. Acad.*, **B 48** (3): 354-360
7. **Ganeshaiyah, K.N.** & Uma Shaanker, R., 1982, Evolution of reproductive behavior in the genus Eleusine. *Euphytica.*, **31**: 397-404
8. Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1984, Age-specific sex ratio in a monoecious species *Croton bonplandianum* Baill. *New Phytol.*, **97**: 523-531
9. Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1984, Does pollination efficiency shape the pollen grain to ovule ratio? *Curr. Sci.*, **53(14)**: 751-753
10. **Ganeshaiyah, K.N.** & Belvadi, V.V., 1986, Habitat segregation in four species of adult tiger beetles (Coleoptera: Cicindelidae). *Ecol. Ent.*, **11**: 147-154
11. **Ganeshaiyah, K.N.**, Uma Shaanker, R. & Shivashanker, G., 1986, Stigmatic inhibition of pollen grain germination - its implication for frequency distribution of seed number in pods of *Leucaena leucocephala* (Lam) de Wit. *Oecologia (Berlin).*, **70**: 568-572

12. Vasudeva, R. Vinayak, K., **Ganeshaiyah, K.N.** & Uma Shaanker, R., 1987, Sex-ratio variations in *Acalypha fruticosa* Forsk along plant height and altitude. *Proc. Indian Acad. Sci. (Plant Sciences)*., **97** (1): 11-15
13. **Ganeshaiyah, K.N.** & Uma Shaanker, R., 1988, Regulation of seed number and female incitation of mate competition by a pH-dependent proteinaceous inhibitor of pollen grain germination in *Leucaena leucocephala*. *Oecologia (Berlin)*., **75**: 110-113
14. Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1988, Bimodal distribution of seeds per pod in *Cesalpinia pulchermia* - Parent- offspring conflict? *Evol. Trends in Plants.*, **2** (2): 91- 98
15. **Ganeshaiyah, K.N.** & Veena, T., 1988, Plant design and non-random foraging by ants on *Croton bonplandianum* Baill. (Euphorbiaceae) *Anim. Behav.*, **36**: 1683-1690
16. **Ganeshaiyah, K.N.** & Uma Shaanker, R., 1988, Evolution of unique seed maturity pattern in *Croton bonplandianum* Baill strengthens ant-plant mutualism for seed dispersal. *Oecologia.*, **77**: 130-134
17. **Ganeshaiyah, K.N.** & Uma Shaanker, R., 1988, Seed abortion in wind-dispersed pods of *Dalbergia sissoo*: maternal regulation or sibling rivalry? *Oecologia.*, **77** : 135-139
18. Uma Shaanker, R., **Ganeshaiyah, K.N.** & Bawa, K.S., 1988, Parent -Offspring Conflict, sibling rivalry and brood size patterns in plants. *Ann. Rev. Ecol. Syst.*, **19**: 177-205
19. Veena, T., Kumar, A.R.V. & **Ganeshaiyah, K.N.**, 1989, Factors affecting ant (Formicidae: Hymenoptera) visits to the extra floral nectaries of *Croton bonplandianum* Baill. *Proc. Indian Acad. Sci. (Animal Sci.)*., **98** (1): 57-64
20. Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1989, Sexual advantage. *Nature.*, **337** : 413-414
21. Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1989, Styler plugging by fertilized ovules in *Kleinhovia hospita* (sterculeaceae) - A case of vaginal sealing in plants. *Evol. Trends in Plants.*, **3** (1): 59-64

22. Bawa, K.S., Hegde, S.G., **Ganeshaiyah, K.N.** & Uma Shaanker, R., 1989, Embryo and seed abortion in plants. *Nature.*, **342** : 625-626
23. Uma Shaanker, R., **Ganeshaiyah, K.N.** & Radhamani, T.R., 1990, Association among the modes of pollination and seed dispersal-ecological factors and phylogenetic constraints. *Evol. Trends in plants.*, **4** (2) : 107-111
24. **Ganeshaiyah, K.N.**, 1990, Ant-Plant mutualism. *IUSSI Newsletter.*, **4** (1) : 3-4
25. **Ganeshaiyah, K.N.**, 1990, How plants explore the unknown? *IUSSI Newsletter.*, **4** (2): 2-3
26. Veena, T. & **Ganeshaiyah, K.N.**, 1991, Non-random search patterns of ants foraging on the honeydew of aphids in cashew inflorescences. *Anim. Behav.*, **41**: 7-15
27. **Ganeshaiyah, K.N.**, & Uma Shaanker, R. 1991, Floral sex ratios in monoecious species-Why are trees more male-biased than herbs? *Curr. Sci.*, **60** (5): 319-321
28. **Ganeshaiyah, K.N.** & Uma Shaanker, R., 1991, Seed size optimization in a wind dispersed tree *Butea monosperma*: a trade-off between seedling establishment and pod dispersal efficiency. *OIKOS.*, **60**: 3-6
29. Hegde, S.G., Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1991, Fruit preference criteria by avian frugivores: their implications in the evolution of clutch size in *Solanum pubescens*. *OIKOS.*, **60**: 20-26
30. **Ganeshaiyah, K.N.** & Veena, T., 1991, Topology of the foraging trails of *Leptogenoys processionalis* - why are they branched? *Behav. Ecol. Sociobiol.*, **29**: 263-270
31. Hegde, S.G., Lokesh, R., **Ganeshaiyah, K.N.** & Uma Shaanker, R. 1991, Seed size distribution in plants : an explanation based on fractal geometry. *OIKOS.*, **62** (1) : 100-101
32. **Ganeshaiyah, K.N.**, Uma Shaanker, R. & Joshi, N.V., 1991, Evolution of polyembryony: consequences to the fitness of mother and offspring. *J. Genet.*, **70** (2): 103-127

33. Uma Shaanker, R. & **Ganeshaiiah, K.N.**, 1991, Gene wars. *Curr. Sci.*, **61** (7): 440
34. Uma Shaanker, R. & **Ganeshaiiah, K.N.**, 1991, More Gene wars. *Curr. Sci.*, **61** (7): 795
35. Hegde, S.G., Uma Shaanker, R. & **Ganeshaiiah, K.N.**, 1991, Evolution of seed size in the bird-dispersed tree *Santalum album* L.: A trade off between seedling establishment dispersal efficiency. *Evol. Trends in plants.*, **5** (2): 131-135
36. Lokesha, R., Hegde, S.G., Uma Shaanker, R. & **Ganeshaiiah, K.N.**, 1992, Dispersal mode as a selective force in shaping chemical composition of seeds. *Amer. Nat.*, **140** (3): 520-525
37. **Ganeshaiiah, K.N.** & Uma Shaanker, R., 1992, Frequency distribution of seed number per fruit in plants: A consequence of self-organizing process? *Curr. Sci.*, **62** (4): 359-365
38. **Ganeshaiiah, K.N.**, 1992, Has the behavior of stock market been affected by scam? - a statistical analysis. *Curr. Sci.*, **63** (7): 345-347
39. Uma Shaanker, R. & **Ganeshaiiah, K.N.**, 1992, Biological control programmes- time to retrospect. *Curr. Sci.*, **63** (12): 732-734
40. Uma Shaanker, R. & **Ganeshaiiah, K.N.**, 1993, Pollination biology in India - surveying the past. *Curr. Sci.*, **65** (3): 195-198
41. Bawa, K.S., Uma Shaanker, R. & **Ganeshaiiah, K.N.**, 1993, Pollination Biology in Tropics *Curr. Sci.*, **65** (3): 191-192
42. **Ganeshaiiah, K.N.** & Uma Shaanker, R., 1993, Foraging decisions by plants- Making a case of plant ethology. *Curr. Sci.*, **65** (5): 371-372
43. Joshi, N.V., Uma Shaanker, R. & **Ganeshaiiah, K.N.**, 1993, The 'neighbor effect' and its role in shaping the positional pattern of seed development in fruits: an illustration from the pods of *Erythrina suberosa*. *Curr. Sci.*, **65** (3): 234-238
44. Radha, M.R., Vasudeva, R., Hegde, S.G., **Ganeshaiiah, K.N.** & Uma Shaanker, R., 1993, Components of male gametophytic competition in *Vigna unguiculata* Walp. *Evol. Trends in plants.*, **7** (1) : 29-36

45. **Ganeshaiyah, K.N.** & Uma Shaanker, R., 1994, Seed and fruit abortion as a process of self organization among developing sinks. *Physiologia Plantarum.*, **91** : 81-89
46. **Ganeshaiyah, K.N.**, 1994, Darwin and Newton: Portraits of similar strokes. *Curr. Sci.*, **67** (12): 975
47. Lohitashwa, H.C., Kulkarni, R.S. & **Ganeshaiyah, K.N.**, 1994, Genetic divergence in indigenous collection of grain Amaranth. *Ind. J. Pl. Genet. Resources.*, **7** (1) : 119-122
48. Ravishankar, K.V., Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1995, War of hormones over resource allocation to seeds : Strategies and counter-strategies of offspring and maternal parent. *J. Biosci.*, **20** (1) : 89-103
49. **Ganeshaiyah, K.N.**, 1995, Are patterns a rule in nature? *Curr. Sci.*, **68** (7): 680-682
50. Uma Shaanker, R., **Ganeshaiyah, K.N.** & Krishnamurthy, K.S., 1995, Development seeds as self-organizing units : Testing the predictions. *Int. J. Pl. Sci.*, **156** (5): 650-657
51. **Ganeshaiyah, K.N.**, Vasudeva, R., & Uma Shaanker, R., 1995, Development of sinks as an autocatalytic feed-back process: a test using the asymmetric growth of leaves in mestha (*Hibiscus cannabinus*. L.). *Ann. Bot.*, **76**: 71-77
52. Prarthana Kathuria, **Ganeshaiyah, K.N.**, Uma Shaanker, R. & Vasudeva, R., 1995, Is there dimorphism for style lengths in monoecious figs? *Curr. Sci.*, **68** (10): 1047-1049
53. **Ganeshaiyah, K.N.**, Prarthana Kathuria., Uma Shaanker, R. & Vasudeva, R., 1995, Evolution of style-length variability in figs and optimization of ovipositor length in their pollinator wasps: a coevolutionary model. *J. Genet.*, **74** (1&2) : 25-39
54. Mohan Raju, B., Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1995, Differential rates of seed abortion among trees of *Dalbergia sissoo* Role of post-dispersal sibling competition. *Curr. Sci.*, **68** (11): 1114-1118
55. **Ganeshaiyah, K.N.**, 1995, Fungus that feeds on petrol. *Curr. Sci.*, **69** (7): 563

56. Prarthana Kathuria & **Ganeshaiyah, K.N.**, 1995, Fig-Pollinator interactions: Evolutionary tug of war? *Botanica.*, **45**: 7-10
57. Mohan Raju, B., Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1995, Seed abortion in a wind dispersed tropical tree *Dalbergia sossoo*: basic patterns. *Malaysian Forester.*, **58** : 3 97-110
58. **Ganeshaiyah, K.N.** and Anindya Sinha, 1995, Animal welfare. *Curr. Sci.*, **69** (4): 283
59. **Ganeshaiyah, K.N.**, 1996, Core-satellite hypothesis and the distribution of species: Why are species not found everywhere? *Curr. Sci.*, **70** (5): 340-342
60. Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1996, Polyembryony in plants: A weapon in the war over offspring numbers? *Trends in Ecol. Evol.*, **11** (1) : 26
61. Uma Shaanker, R., Ravishanker, K.V., Hegde, S. G. & **Ganeshaiyah, K.N.**, 1996, Does endosperm reduce intra-fruit competition among developing seeds? *Plant Systematics & Evolution.*, **201** : 263-270
62. Arathi, H.S., **Ganeshaiyah, K.N.** & Uma Shaanker, R., 1996, Intrafruit competition among developing seeds in *Syzigium operculatum*. *Int. J. Pl. Sci.*, **157** : 49-52
63. Arathi, H.S., **Ganeshaiyah, K.N.**, Uma Shaanker, R. & Hedge, 1996, Factors affecting embryo abortion in *Syzigium cumini* (L) skeels (Myrtaceae). *Int. J. Pl. Sci.*, **157** (1) : 49-52
64. **Ganeshaiyah, K.N.**, 1996, Global errors in Science: Traps of Chance and Prejudice *Curr. Sci.*, **71** (3): 170-172
65. Mohan Raju, B., Uma Shaanker, R., **Ganeshaiyah, K.N.** & Bawa, K.S., 1996, Intra-fruit seed abortion in a wind dispersed tree, *Dalbergia sissoo* Roxb: proximate mechanisms. *Sex plant Reprod.*, **9** : 273-278
66. Murali, K.S., Uma shanker., Uma Shaanker, R., **Ganeshaiyah, K.N.** & Bawa, K.S. 1996, Extraction of Non-timber forest products in the forests of Biligiri Rangan Hills, India. 2 Impact of NTFP extraction on regeneration, population structure, and species composition *Economic Botany.*, **50** (3) : 252-269

67. Uma Shankar, Murali, K.S., Uma Shaanker, R., **Ganeshaiyah, K.N.** & Bawa, K.S., 1996, Extraction of Non-timber forest products in the forests of Biligiri Rangan Hills, India. 3. Productivity, extraction and prospects of sustainable harvest of Amla, *Phyllanthus emblica* (Euphorbiaceae) *Economic Botany.*, **50** (3) : 270-279
68. **Ganeshaiyah, K.N.** 1996, The Ever-ready pollen. *Curr. Sci.*, **71** (8): 595
69. **Ganeshaiyah, K.N.**, 1996, Plant as communicators. *Curr. Sci.*, **71** (4): In this issue
70. **Ganeshaiyah, K.N.**, 1997, How much water a tree drinks? *Curr. Sci.*, **72** (3): 1 (In this issue)
71. Uma Shaanker, R. and **Ganeshaiyah, K.N.**, 1997, Conflict between parent and offspring in plants: Predictions, processes and evolutionary consequences *Curr. Sci.*, **72** (12): 932-939
72. **Ganeshaiyah, K.N.**, Chandrashekara, K. & Kumar, A.R.V., 1997, Avalanche index: A new measure of biodiversity based on biological heterogeneity of the communities. *Curr. Sci.*, **73** (2): 128-133
73. Uma Shaanker, R., & **Ganeshaiyah, K.N.**, 1997, Mapping genetic diversity of *Phyllanthus emblica*: Forest gene banks as a new approach for *in situ* conservation of genetic resources. *Curr. Sci.*, **73** (2): 163-168
74. **Ganeshaiyah, K.N.**, Uma Shaanker, R., & Bawa, K.S., 1997, Diversity of species assemblages of islands: Predictions and their test using tree species composition of shola fragments. *Curr. Sci.*, **73** (2): 188-194
75. **Ganeshaiyah, K.N.**, 1997, Cow's face in Krishna's belly, style in the corolla tube and the Panglossian Paradigm. *Curr. Sci.*, **73** (3): 225-227
76. Uma Shaanker, R., Ravishankar, K.V., **Ganeshaiyah, K.N.**, 1997, Why do plants possess laxatives? *Curr. Sci.*, **73** (8): 646-647
77. Krishnamurthy, K.S., Uma Shaanker, R. & **Ganeshaiyah, K.N.**, 1997, Seed abortion in an animal dispersed species, *Syzygium cuminii* (L.) Skeels (Myrtaceae): The chemical basis. *Curr. Sci.*, **73** (10): 869-873
78. **Ganeshaiyah, K.N.**, and Uma Shaanker, R., 1997, Why do plants possess medicinal properties?. *Amruth* (August): 20-22

79. **Ganeshaiyah, K.N.**, 1997, Darwinian guile. . . .or a Panglossian style?. *Curr. Sci.*, **73** (7): 557-558
80. Madhav Gadgil., **Ganeshaiyah K.N.** and R. Uma Shaanker, 1997, Biodiversity of Western Ghats, Special issue, *Curr. Sci.*, **73** (2) : In this issue
81. Gore, A.P., S.A. Paranjape, **Ganeshaiyah K.N.** and R. Uma Shaanker, 1998, Seed size optimization in multiovulated plants. *International Journal of Ecology and Environment*, **23**: 209-216
82. **Ganeshaiyah, K.N.**, 1998, Haldane's God and the honored beetles: The cost of a quip. *Curr. Sci.*, **74** (8) : 656-660
83. Uma Shaanker, R., **Ganeshaiyah, K.N.**, Murali, K.S., Uma Shankar and Bawa, K.S., 1998, Extraction of Non-Timber Forest Products in the forest of Biligiri Rangan Hill, India. **4.** Impact on floristic diversity and population structure in a thorn scrub forest. *Economic Botany.*, **52** (3): 302-315
84. **Ganeshaiyah, K.N.**, 1998, We need taxonomists not taxa-namists. *Curr. Sci.*, **75** (5): 412
85. **Ganeshaiyah, K.N.**, Uma Shaanker, R., Murali, K.S., Uma Shankar and Bawa, K.S., 1998, Extraction of Non-Timber Forest Products in the forest of Biligiri Rangan Hill, India. **5:** Influence of dispersal mode on species response to anthropogenic pressures. *Economic Botany.*, **52** (3) : 316-319
86. **Ganeshaiyah, K.N.**, Uma Shaanker, R., Ganeshan, R., and Meera, C., 1998, A taxonomic hurdle and hurdled by taxonomists: *Amruth* (August): 3-8
87. Mustak Ali, T.M., **Ganeshaiyah, K.N.**, 1998, Mapping Diversity of ants and root grubs, Special Issue. *Curr. Sci.*, **75** (3): 201-204
88. **Ganeshaiyah, K.N.**, Uma Shaanker, R., 1998, Contours of conservation - A national agenda for mapping biodiversity, Special Issue. *Curr. Sci.*, **75** (3): 292-298
89. Murali, K.S., Siddappa Setty, R., **Ganeshaiyah, K.N.**, and Uma Shaanker, R., 1998, Does forest type classification reflect spatial dynamics of

vegetation? An analysis using GIS techniques. *Curr. Sci.*, **75** (3): 220-227

90. **Ganeshaiyah, K.N.**, and Uma Shaanker, R., 1998, Sensing and mapping of biological resources for conservation. *Curr. Sci.*, **75** (3): This issue
91. **Ganeshaiyah, K.N.**, 1998. Terminal truth about terminator gene? *Curr. Sci.*, **75** (12) In this issue
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