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CURRICULUM VITAE

March 2008

1. Academic Degrees

Associate Professor, University of Indianapolis	2003	
Ph.D. Tel Aviv University	1991	Doctor of Philosophy
M.Sc. Tel Aviv University	1985	Sciences
B.Sc. Tel Aviv University	1982	Biology

2. Professional Experience

2008-	Prime Minister's Office, The task force to promote the Druze and Circassians education, Member
2007-present	Council for higher education, The committee for Arab sector higher education, Member
2005-present	Joint Israel (JDC), Higher education in the Druze sector, Manager
2003- present	University of Indianapolis, Graduate and Undergraduate Faculty, Graduate Faculty
2002-present	University of Indianapolis, International Faculty in the College of Arts and Sciences, Full Time Member
2000- present	Manager of the Israel national project to promote students from low socioeconomic status to reach higher education and high- technology environment
1998-2002	Regional Teacher's Centers Headquarters, Academic Manager
1995-1998	Sciences and Technology, Israeli National Educational Project, Manager
1995-	Coastal Plain of Israel- Ecology Survey, professional Advisor
1992-1995	Ecology Studies Center, Manager and Lecturer
1991-2000	Behavioral Ecology Studies in Teachers' Advanced Study, Lecturer
1985-1992	Ecological Tours in Africa, Tour Leader
1988-1991	Science Enrichment for Gifted Children Ramat Hasharon. Zoological workshops for students- Tel Aviv University, Manager

- 1985-1988 The unit for Science Cadet youth- Tel Aviv University, Lecturer
- 1973-1985 Acquaintanceship with variety of habitats in Africa, South America and Asia. Research trips to a wide variety of habitats: jungles in south America, savanna in east Africa, deserts in India, and arctic landscapes in the Himalayan mountains. My researches included animal observations, working in game reserves and learning of tribe's culture.

3. Faculty and Administrative Load

Fall, 2003

M.E.U.C Coordinator with the Higher Education Commity

Director of the new Zootherapy Program in Gordon Teachers Academic College (Haifa)

Lecturer :

BIOL 155 General Biology I: Diversity of Life (in U of I Isr. Branch Campus- M.E)	4	sem. Hours
BIOL 165 General Biology II: Introduction to Cell Biology (in U of I Isr. Branch Campus- M.E)	4	sem. Hours
ESCI 265 Ecology (in U of I Isr. Branch Campus- M.E)	4	sem. hours

Summer, 2003

Developing of a new course and the lecturer:

EDUC 597 - Special Topics:

Integrating Animals in Teaching, Learning & Therapy 2 sem. hours
(in U of I, USA)

2002

Coordinator of the course: Education and Animal Assisted Therapy, for B.A students, Ben- Gurion University

Initiator of the course: Education and Animal Assisted Therapy, for B.Ed. students, Beit-Berl Academic College

2001

Coordinator of the course: Education and Animal Assisted Therapy, for B.Ed. Students, Hemdat -Hadarom Academic College

1999

Initiator of the course: Education and Animal Assisted Therapy, for B.Ed. students, Tel-Hay Academic College

Other Collegiate Assignments, 2002-2003

Academic Director: for the Headquarter of the Israel national teacher's centers
Member: National Committee: Integrating Animals to Assist & Therapy-
New Program for Schools of Education

4. Current Professional and Academic Association Memberships

International Theriological Society
The European Vertebrate Pest Management Organization
The Zoological Society of Israel
The Last Great Ape Organization
The Israel Zootherapy Organization
"Eitam" - The Israel Raptors Lovers Organization

5. Current Professional Assignments and Activities

Manager of the JDC project to promote the Druze sector in Israel to reach higher education
(2005-present)
Manager of the national project to promote students from low socioeconomic status to reach
higher education and high- technology environment (2000-present)
Director of The Israel Zootherapy Organization (1999-present)
National Committee: Definition of Professions concerning Animal
Assisted Activities in Israel (2002-present)
Partner in the initiative for forming a national committee for the subject- Therapeutic
horse-riding in the educational system (2002)
Safety criterions in the "School Zoo" of the Israeli education system (2001-2002)
Professional advisor to the Ministry of defence for leading projects and research assisted
by animals, in ethics standards (2001)
Professional advisor to the Director General of the Israeli Ministry of Education, in the
subject "Animals in education" (2000)
Professional advisor to the National Committee " Schoolyard as a pedagogical
resource" (2000)
Superior advisor and head of bureau of the Israeli Ministry of Education Director
General (1999)
Co-Director of the Ministry of Education National Committee "Regional Teachers' Centers"
(1998)
Project manager for various projects assined by the deputy of the Director General of the
Israeli Ministry of Education for developing (1995-1998)
Establishing the "Ecological Center", in which students leded ecological research, with the
assistance of young scientists (1992-1994)

6. Publications

- Sever, Z. (2008). The extent of activities involving dogs in Israel. Israel Journal of Ecology & Evolution, In press.
- Sever, Z. (2008). Insects-squills relation in the Israel coastal plain. Israel Journal of Entomology.
In press.
- Sever, Z. (2006). The resemblance to the environment is not necessary for camouflage. Israel Journal of Ecology & Evolution, 52, No1, 80-81.
- Sever, Z. (2005). A possible co-evolution between the porcupine and the squill. Isr. J. Zool. Vol 51, NO. 1:76-77
- Sever, Z. (2005). promote the Druze sector in Israel to reach higher education. Document to the JDC Israel, 22 pages.
- Decalo, M. and Sever, Z. (2004). promoting students from low socioeconomic status to reach higher education. AYALA Conference, Abstracts, 2p.
- Sever, Z. (2004). Humane method for anesthetizing porcupines. Israel Journal of Zoology, 50, 121.
- Sever, Z. (2003). Constitutive fratricide in porcupines. Israel Journal of Zoology, 49, 86-87.
- Sever, Z. (2002). "Upper-class" urban feral cats (*Felis silvestris domestica*). Israel Journal of Zoology, 48, 180-181.
- Sever, Z. (2002). The Christian Population in Israel- data distribution and the expectations for the present century first quarter, Document to the Prime minister's Office- Advisor of Arab Affaires, 7pp.
- Sever, Z. and Gilad, E., (2002). Regional teachers' center as a pedagogic entity. In Gur, G., Gilad, E. & Sever, Z.,(Eds), (2002). From teachers to faculty: Professional development at regional teachers' centers in Israel. 30-31.
- Gur, G., Sever, Z & Gilad, E.,(Eds), (2002). School faculty Professional development. Ministry of Education Publications, State of Israel, 26 pp.,(Hebrew).
- Gur, G., Sever, Z & Gilad, E.,(Eds), (2002). Procedures and operations for establishing regional teachers' centers. Ministry of Education Publications, State of Israel, 32 pp.,(Hebrew).

- Gur, G., Sever, Z & Gilad, E.,(Eds), (2002). Regional teachers' centers- From a project to a way of life. Ministry of Education Publications, State of Israel, 29 pp.,(Hebrew).
- Gur, G., Gilad, E. & Sever, Z.,(Eds), (2002). From teachers to faculty: Professional development at regional teachers' centers in Israel. Ministry of Education Publications, State of Israel, 44 pp., (English).
- Gur, G., Gilad, E. & Sever, Z.,(Eds), (2002). Uniqueness and variability in regional teachers' centers. Ministry of Education Publications, State of Israel, 58 pp.,
- Gur, G., Gilad, E. & Sever, Z. (2002). Co-Sourcing in the operation of frameworks for the development of teaching staff. In Gur, G., Gilad, E. & Sever, Z.,(Eds), (2002). From teachers to faculty: Professional development at regional teachers' centers in Israel. 20-29.
- Sever, Z., Gilad, E.& Gur, G. (2001). Regional teachers' centers- from national project to nation-wide deployment. "Line and Net" Teachers' Centers Journal, 5, 9-15.
- Berman, D., Dvash, B., Vysenshtern, Y., Sever, Z., & Rado. R.,(Eds), (2001). A guide for establishment of "School Zoo" and the maintenance of animals in the education system. Ministry of education Publications, State of Israel, 71 pp., (Hebrew).
- Sever, Z. (2000). What is a zootherapy?. "Line and Net" Teachers' Centers Journal, 2, 21-22.
- Sever, Z. (2000). Promoting pupils to high education and high technology- A national program. Document for the Ministry of education- General Director and the Israeli Defence Forces- Education Division, 12 pp.
- Sever, Z. (1999). A unique juvenile appearance as evidence for the existence of social organization. Israel Journal of Zoology, 45, 321.
- Sever, Z. (1998). In the footsteps of Margolin "Returning to the live nature" in education. Israel Journal of Zoology, 44, no. 1, 87-88.
- Sever, Z. and Mendelssohn, H. (1992). The use of shelters by Indian porcupines (*Hystrix indica*). Israel Journal of Zoology, 38, 423.
- Sever, Z. (1991). Communication patterns in porcupines (*Hystrix indica*). Thesis submitted for the degree "Doctor of Philosophy", Tel- Aviv University, 119 pp.

- Sever, Z. and Mendelssohn, H. (1991). Grooming behavior in porcupines. Israel Journal of Zoology, 37,123.
- Sever, Z. and Mendelssohn, H. (1991). Spatial movement patterns of porcupines (*Hystrix indica*). Mammalia, 55, 487-500.
- Sever, Z. and Mendelssohn, H. (1989). Temporal activity patterns of the porcupines (*Hystrix indica*) in the coastal plain of Israel. In E. Spanier, Y. Steinberger & M. Iuria, (Eds) Environmental Quality and Ecosystem Stability. Iseeqs Publication, Jerusalem, 4(2), 401-409.
- Sever, Z. and Mendelssohn, H. (1989). Paternal behavior in porcupines. Israel Journal of Zoology, 36 (3-4), 172-173.
- Sever, Z. and Mendelssohn, H. (1989). Scent marking behavior of porcupines. Israel Journal of Zoology, 36 (1-2), 53-54.
- Sever, Z. and Mendelssohn, H. (1988/ 89). The role of copulation in monogamous porcupines. Israel Journal of Zoology, 35, 86.
- Sever, Z. and Mendelssohn, H. (1988). Porcupines on the edge of town. Israel land and Nature (in English), 13, 112-115.
- Sever, Z. and Mendelssohn, H. (1988). Copulation as a possible mechanism to maintain monogamy in porcupines, *Hystrix indica*. Animal Behavior , 36, 1541-1542.
- Sever, Z. (1986-87). Water and energy economies of captive porcupines and their implications under natural conditions. Israel Journal of Zoology, 34, 97-98.
- Sever, Z. (1986). Porcupines on the edge of town. Teva Vaaretz (land and Nature), 28(4), 33-35.
- Sever, Z. (1986). Activity patterns of the porcupine (*Hystrix indica*) in the coastal plain. Reem (Oryx), 5, 31-39.
- Sever, Z. (1986). Spiny but pretty animal. Salyt- Youth nature magazine, 14(6), 8-10.
- Sever, Z. (1985). Studies on the biology of the Indian crested porcupine (*Hystrix indica*) in the coastal plain of Israel. Thesis submitted towards M.Sc. degree of the Tel- Aviv University. 120 pp.

Sever, Z. and Mendelssohn, H. (1984/5). Home range and movement patterns of the Indian crested porcupine (*Hystrix indica*) in the coastal plain of Israel. Israel Journal of Zoology, 33, 117-118.

Sever, Z. (1982). An unusual manhood of feeding behavior in captive African elephants. Elephant, 2(1), 140-143.

7. Papers Presented

Decalo M. and Sever, Z. (2004). promotung students from low socioeconomic status to reach higher education and army sercice in high- technology units. Paper presented at the Israel Organization of Education Research Conference, 2 pp.

Sever, Z. (2002). Obligate siblicide behavior in porcupines indicating its existence in mammals. Paper presented at the Zoological Society of Israel Conference, Tel-Aviv, Israel.

Gur, G., Gilad, E. & Sever, Z. (2002). Co-Sourcing in the operation of frameworks for the development of teaching staff. Paper presented at the Israel Association for Research in Education (A.Y.A.L.A), Beit-Berl, Israel.

Sever, Z. (2001). Relocation as a porcupine pest management. Paper presented at the Third European Vertebrate Pest Management Organization, Ma'ale-Hachamisha, Israel.

Sever, Z. (2001). "Upper-class" urban feral cats (*Felis silvestris domestica*). Poster presented at The Zoological Society of Israel Conference, Haifa, Israel.

Segal, A., Lev, G., & Sever, Z. (2001). Animals as educational and ethical resource– turtle radio telemetry tracking as example. Paper presented at the Integrating Animals in Education Conference, Tel Aviv University.

Sever, Z. (2000). The history of Integrating animals in education and therapy in the kindergartens of Israel. Paper presented at The National Kindergartens' Faculty Conference, Jerusalem.

Sever, Z. (2000). Zootherapy activities in the Israeli education system. Panel at the Special Education Schools Conference, Tel-Aviv, Israel.

- Sever, Z. and Chacham D. (1999). Zootherapy activities in Israel. Poster presented at the Annual Meeting of the Israeli Horticultural Therapy Organization, Tel- Aviv, Israel .
- Sever, Z., Chacham D. and Levin D. (1999). The zootherapy community internet site. Poster presented at the Animal and Society Conference, Tel Aviv, Israel.
- Sever, Z. (1999). Animals as learning source for students. Presentation at the Young Zoologist Conference, Degania, Israel.
- Sever, Z. (1999). The distribution of zootherapy in Israel. Panel at the annual Schools Promote Health Conference. Tel Aviv, Israel.
- Sever, Z. (1999). Animals as a therapy source. Paper presented at the Presentation at The Israeli Therapeutic Riding, 1st Conference, Netania, Israel.
- Sever, Z. (1998). A unique juvenile appearance as evidence for the existence of social organization in striped hyena (Hyaena hyaena). Poster presented at The Zoological Society of Israel Conference, Haifa, Israel.
- Sever, Z. (1998). Animals as learning source in the education system. Paper presented at the Annual meeting of the Animals and Society, Tel Aviv, Israel.
- Sever, Z. (1998). The importance of the animals in education. Paper presented at the "Tomorrow 98" Conference- Science and Technology, Shefaim, Israel .
- Sever, Z. (1997). Back to live nature in education. Paper presented at the Annual meeting of the Israel Zoological Society, Tel- Aviv, Israel.
- Sever, Z. (1997). Integration of animals in teaching and learning -from K to 12. Paper presented at the Nature and Land Education Conference ,Oranim, Israel .
- Sever, Z. (1995). Animals as religion symbols in India and Nepal. Monthly Presentation at Tel- Aviv University Botanical Garden Forum, Tel- Aviv, Israel.
- Sever, Z. and Mendelsohn, H. (1991). Time budget of paternal behavior in monogamous porcupines. Tertium International Colloquium "Rodens & Spatium", Lyon , France.
- Sever, Z. and Mendelsohn, H. (1991).The use of shelters by Indian porcupines (Hystrix indica). Paper presented at The 6th International Colloquium on The Ecology and Taxonomy of Small African Mammals. Mitzpe Ramon, Israel.

- Sever, Z. and Mendelssohn, H. (1991). The morphology of porcupines' genitalia. Poster presented at the annual meeting of the Israel Zoological Society, Tel- Aviv, Israel.
- Sever, Z. and Mendelssohn, H. (1990). Grooming behavior in porcupines. Paper presented at the annual meeting of the Israel Zoological Society, Tel- Aviv, Israel.
- Sever, Z. and Mendelssohn, H. (1989). Temporal activity patterns of the porcupines (*Hystrix indica*) in the coastal plain of Israel. Paper presented at The Fourth International Conference on Environmental Quality and Ecosystem Stability, Jerusalem, Israel.
- Sever, Z. and Mendelssohn, H. (1989). Scent marking behavior of monogamous porcupines. Paper presented at the Fifth International Theriological Congress, Rome, Italy.
- Sever, Z. and Mendelssohn, H. (1989). Porcupines' paternal behavior. Paper presented at the annual meeting of the Israel Zoological Society, Beer-Sheva, Israel.
- Sever, Z. and Mendelssohn, H. (1988). Nightly copulations throughout the year in monogamous porcupines. Poster presented at the 2nd International Conference on Behavioral Ecology, Vancouver, Canada.
- Sever, Z. and Mendelssohn, H. (1988). Scent marking behavior of porcupines. Paper presented at the annual meeting of the Israel Zoological Society, Oranim, Israel.
- Sever, Z. and Mendelssohn, H. (1987). Copulation as a mechanism to maintain monogamy in porcupines (*Hystrix indica*). Paper presented at the annual meeting of the Israel Zoological Society, Jerusalem, Israel.
- Sever, Z. (1986). Water and energy economies of captive porcupines and their implications under natural conditions. Paper presented at the annual meeting of the Israel Zoological Society, Haifa, Israel.
- Sever, Z. and Mendelssohn, H. (1985). Home range and movement patterns of the Indian crested porcupine (*Hystrix indica*) in the coastal plain of Israel Paper presented at the annual meeting of the Israel Zoological Society, Sde-Boker, Israel.

7.5 Conference Sessions Facilitated

Sever, Z. (2004) Facilitator for papers "Promoting pupils to higher education and high technology" by different lecturers from Ort College, Amal Education Net and the Technion Institution for the annual meeting of the Promoting pupils to high education and high technology National Project, May, Tel-Aviv, Israel.

Sever, Z. (2001) Facilitator for papers by different lecturers from Colleges and Universities for the Regional Teachers' Centers Conference, January, Beit-Berl, Israel.

Sever, Z. (1998) Facilitator for papers "Teaching Science and Technology" by different lecturers from Educational Colleges for the "Tomorrow 98" Conference- Science and Technology, August, Shefaim, Israel.

8. Grants/Research

Sever, Z. (1986). The porcupine's ecology. \$1,000 Grant awarded from the Wolf Foundation, Israel.