

NOMINATION FOR SCIENTIFIC COMMITTEES OR EQUIVALENT

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DETAILS OF CANDIDATE NOMINATED

Nominated for: IPY Joint Committee - Biology

Title: Dr **First Name:** Edith **Last Name:** Fanta

Year of birth: 1944

Gender: Female

Address: Universidade Federal do Paraná
Setor de Ciências Biológicas, Departamento Biologia Celular
Centro Politécnico, Jardim das Américas
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Nationality: Brazilian

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Submitted by :

Title: Dr **First Name:** Edith **Last Name:** Fanta

Organisation : Universidade Federal do Paraná

PROFILE OF NOMINEE

Name of Nominee:

Edith Susana Elisabeth Fanta

Academic Background: (maximum of 10 lines)

Short Specialisation in Fish respiratory physiology and branchial morphometry: Research Unit for Comparative Animal Respiration, University of Bristol, Bristol, UK, 1990

Pos-Doc: Gesellschaft fuer Strahlen u. Umweltforschung, Dept. Toxicology, Fish Toxicology Lab., Muenchen, Germany, 1974-1976

Doctor in Sciences, main field Zoology: Universidade de São Paulo, São Paulo, Brazil, 1972

Master in Zoology: Universidade de São Paulo, São Paulo, Brazil, 1970

Bachelor in Biological Sciences: Universidade de São Paulo, São Paulo, Brazil, 1968

Licenciate in Sciences: Universidade de São Paulo, São Paulo, Brazil, 1968

Trainee: Genetics (1964-1966), and Physiology and Marine Biology (1966-1968): Univ. de São Paulo; and in Imunochemistry (1967): Inst. Adolfo Lutz, São Paulo, Brazil

Positions Held: (maximum of 10 lines)

Adviser for Antarctic Fisheries and CCAMLR matters at the Special Secretary of Aquaculture and Fisheries of the Presidency of the Republic (first at Ministry of Science and Technology, later Fisheries Department in Ministry of Agriculture) since 1992; Member of the National Committee on Antarctic Research - Biology - since 1992; Member of the Federal Council of Biology, and the Committee for Improvement of the Professional Biologist, 1995-1999; Professor at Universidade Federal do Paraná, Department of Cell Biology (initially at the Centre for Marine Biology), Curitiba, Brazil, since 1980; Scientist on part time contract at the Gesellschaft fuer Strahlen und Umweltforschung, Department of Toxicology, Muenchen, Germany, 1974-1976; Scientist at the Fisheries Institute, Secretary of Agriculture of the State São Paulo, São Paulo, Brazil, 1971-1974.

Expertise: (maximum of 10 lines)

Research on Integrative Biology and Feeding Behaviour of Antarctic and Tropical fish, and environmental impact on fish (behaviour, morphology, physiology, biochemistry, molecular biology), in an ecological context. Research on marine protected areas and international treaties for environmental protection. Education at undergraduate and graduate levels (histology, animal behaviour and sensory systems, and effects of pollution and environmental factors on fish). Responsible for tests and adviser on pollution on fish. Exhibitions and Keynotes about the Antarctic, in schools and communities. Supervision of 130 undergraduate trainees, 26 thesis, 54 published papers, 280 presentations in congresses. Biological Sciences, and Physical Education Collegiates, co-ordinator of Graduation Master Course; member of the University's International Relations Committee.

Why is this individual particularly suited to this committee or panel ? (maximum of 5 lines)

Antarctic Biologist; Repres. at CCAMLR, (incl. Protected Areas and Incidental Mortality on Antarctic Fisheries groups), Scientific Committee Chair; Repres. at SCAR (Biology) Life Sciences Group (incl. Evolutionary Biology of Antarctic Organisms, and Specialists on Environmental Affairs and Conservation Groups, Evolution and Biodiversity in the Antarctic steering Committee; Local Organiser of IX SCAR Antarctic Biology Symposium.