

BIOLOGICALLY ACTIVE NATURAL PRODUCTS FROM INDONESIAN PLANTS

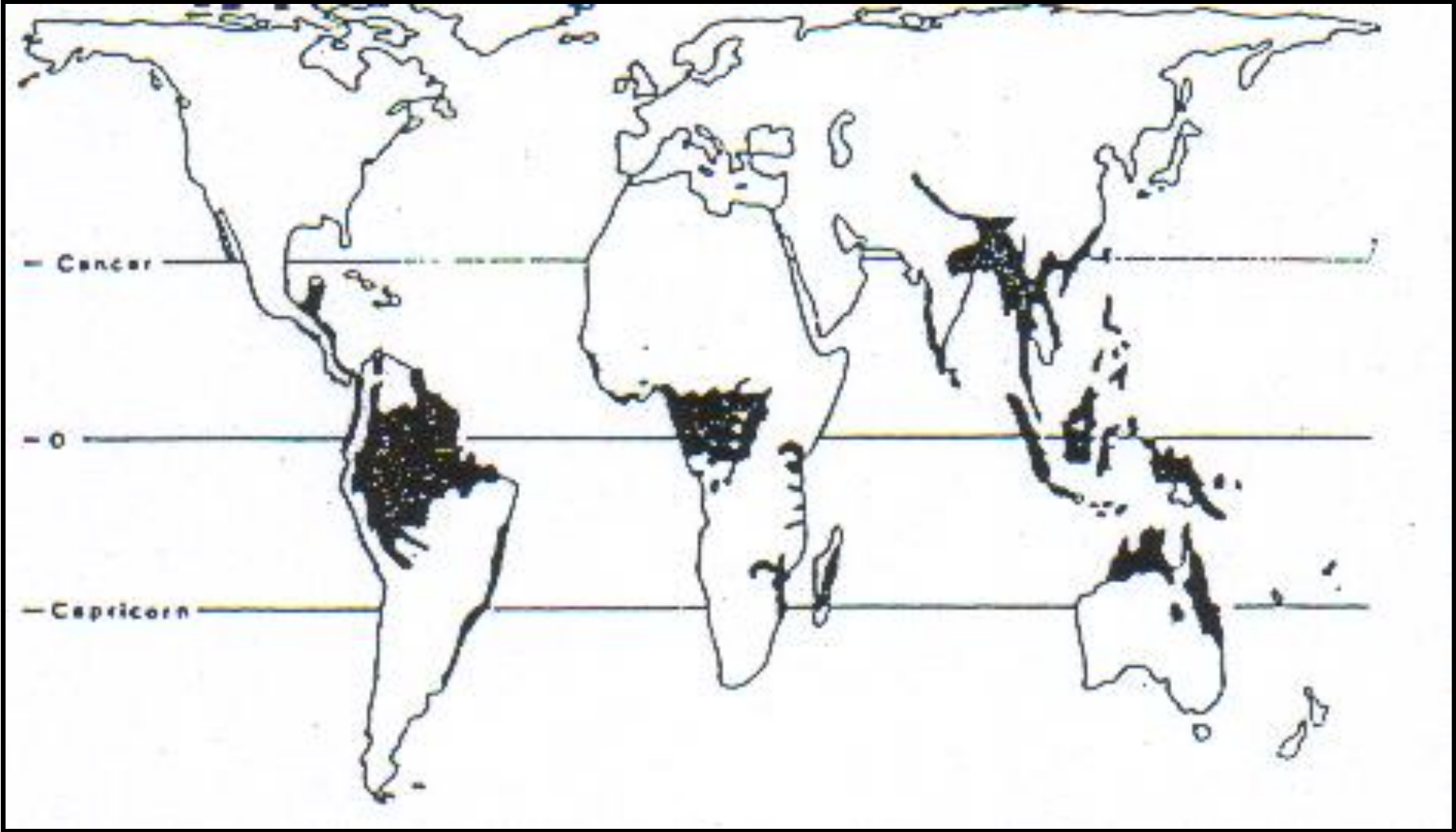
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Indonesia



Bandung Indonesia



Higher Education

- Sarjana degree in chemistry (equivalent to BSc), Department of Chemistry, Faculty of Mathematics and Natural Sciences, Padjadjaran University Bandung, Indonesia (1990)
- M.Sc in organic chemistry, Postgraduate Programme, Bandung Institute of Technology Bandung, Indonesia (1993)
- Ph.D in natural products chemistry, Osaka Prefecture University, Osaka, Japan (2001)
- Professor in Natural Products Chemistry at Universitas Padjadjaran, Indonesia (2010)

RESEARCH ACTIVITIES

- Research works that have been done especially aimed at isolation and structural determination of several biologically active natural products from Indonesian plants
- The biologically active natural products that have been under investigation included insecticidal, paralytic, anti-tumor promising inhibition, anti-malaria, anti-fertility and anti-feedant activities
- The studies included both chemical structure of active compound and partially synthesis to yield more active compound to use in practical aspects

The greatest challenges to furthering research

- Lack of the facilities to isolate the active compound
- Lack facilities to determine the chemical structure
- Lack of the quality and quantity of the chemicals
- Financial support
- Data base of isolated compound (references)

The greatest opportunities in working with a broader group

- Sharing facilities to complete the research
- Sharing financial support
- Sharing data base of the isolated compound (references)
- Jointly publications

Challenges to working internationally

- ability of the researcher
- facility to conduct the research
- references and data base
- Jointly publications and property right

The opportunities for students in this area of research

- to complete their study
- to learn practically of the theory
- to explore their ability and innovation
- to motivate to further study

SCIENTIFIC ORGANIZATIONS

- The chairman of the Indonesian Society of Natural Products Chemistry
- Publication Division of Indonesian Chemical Society
- Members of Japan Society of Bioscience, Biotechnology and Biochemistry