

Humic Substances Research

Vol. 5/6 No.1 (2009)

目 次

腐植物質研究の基礎講座：その3. 腐植物質を生物試験に用いるために……………	柳由貴子	1
論 文		
和文題名・概要……………		7
Effects of Groundwater Humic Substances on Sorption of Np (V) on Sandy materials……………	S.Nagao, Y.Sakamoto, R.R.Rao, and N.Fujitake	9
Environmental behavior of plutonium isotopes studied in the area affected by the Chernobyl accident……………	T.Matsunaga and S.Nagao	19
Numerical simulation of the influence of humic-complexation on the migration of radionuclide Through porous media - a consideration of the sensitivity of analytical parameters……………	T.Tanaka and M.Mukai	35
Chemical properties of aquatic fulvic acids isolated from Lake Biwa, a clear water system in Japan……………	N.Fujitake, H.Kodama, S.Nagao, K.Tuda, and K.Yonebayashi	45
日本腐植物質学会第23回講演会（弘前大）の報告……………	青山正和	55
14th Meeting of the International Humic Substances Society の報告……………	福嶋正巳	59
特別寄稿：ドクチャエフ中央土壌博物館を訪ねて……………	藤嶽暢英	62
標準試料頒布……………		65
投稿規定……………		66
投稿規定(英文)……………		68
入会の案内・入会申込書……………		70
学会規約・学会組織・活動状況等……………		72

Humic Substances Research

Vol.5/6 No. 1 2009

Japan Humic Substances Society

CONTENTS

Fundamental Lecture: Use of humic substances to biological experiments

.....Y. Yanagi.....1

Original Papers

Effects of Groundwater Humic Substances on Sorption of Np(V) on Sandy materials

.....S. Nagao, Y. Sakamoto, R.R. Rao and N. Fujitake.....9

Environmental behavior of plutonium isotopes studied in the area affected
by the Chernobyl accident

.....T. Matsunaga and S. Nagao.....19

Numerical simulation of the influence of humic-complexation on the migration of
radionuclide through porous media – a consideration of the sensitivity of analytical parameters

.....T. Tanaka and M. Mukai.....35

Chemical properties of aquatic fulvic acids isolated from Lake Biwa,
a clear water system in Japan

.....N. Fujitake, H. Kodama, S. Nagao, K. Tsuda, and K. Yonebayashi.....45

Report on the 23rd Annual Conference of Japan Humic Substances Society

.....M. Aoyama.....55

Report on 14th Meeting of the International Humic Substances Society

.....M. Fukushima.....59

Contribution: Record of personal experience on the Dokuchaev Central Museum of Soil

.....Science N. Fujitake.....62