

海洋与湖沼 1985年 (第16卷)

总 目 录

第 1 期

- 湾流北侧切变波卫星观测与发生机理研究 郑全安、N. E. Huang, V. Klemas (1)
- 线性倾斜陆架上的不定常风海流 路季平、赵跃辰 (10)
- 长江口潮流的一种数值模式 赵士清 (18)
- 表面波对于混合层中湍流强化作用的实验研究 贾复、N. H. Thomas (28)
- 扬子鳄栖息地类型的遥感图象分析 黄祝坚、林恒章、张圣凯 (35)
- 南海深海猫鲨科4新种 孟庆闻、朱元鼎、李生 (43)
- 近海底栖海藻对介质渗透压变化的适应研究 II. 海水浓度对潮间带底栖海藻光合和呼吸活性的影响 姚南瑜、张英泽、蔡淑频、康晓慧 (51)
- 文昌鱼肌动球蛋白的一些生物化学与免疫化学特性 施奠族、吴厚余、吴尚懃 (57)
- 琉基棉富集海水中铜、铅、镉、锌、银、铋、钴和镍 何承顺、陈玲娣 (65)
- 氢氧化铝-氢氧化铁复合吸附剂对海水吸铀量的研究 牟肇翥、刘兴俊 (74)
- 钎钛阳极电解海水制氯的研究 高振洋 (78)
- 广西防城湾全新世海侵及防城河三角洲的演变 林宝荣 (83)
- 南黄海北部沉积物的有机地球化学特征 栾作峰 (93)

第 2 期

- 察尔汗和弗罗姆盐湖沉积物中碳同位素的研究 黄麒、J. M. 波勒、H. A. 朴拉克、J. 海德 (81)
- 渤海湾沉积物中若干重金属的环境地球化学 I. 沉积物中重金属的分布模式及其背景值 吴景阳、李云飞 (92)
- 海水中镉在 δ -MnO₂, γ -MnOOH 和水锰矿上液-固分配的一种新型等温线 刘莲生、张正斌、郑士准、王修林、赵美训 (102)
- 合金元素对低合金钢在不同区带耐腐蚀性能影响的研究 侯保荣、郭公玉、孙可良、张经磊 (116)
- 渤海湾沉积物中的汞 郑舜琴、张淑美 (121)
- 中国东部近海沿岸平均海面变化的分析 于克俊 (127)
- 东海北部气旋涡区夏半年水文结构 丁宗信 (138)
- 渤海湾寒潮风浪谱的探讨 吴永成、王以谋、李磊 (147)
- 带鱼生长的研究 吴鹤洲、成贵书、周建魁、王建飞 (156)

第 3 期

- 东海马尾藻属一新种——黑叶马尾藻 曾呈奎、陆保仁 (169)
- 中国的真江蓠和英国江蓠 张峻甫、夏邦美 (175)
- 江蓠幼苗的早期发育过程 陈美琴、任国忠 (181)
- 三种淡水枝角类生物学的研究 黄祥飞 (188)
- 云南米虾研究及新种的描述 梁象秋、严生良 (196)
- 海水中铀在针铁矿、赤铁矿和无定形水合氧化铁上液-固分配的一种新的化学模型 张正斌、刘莲生、郑士准、钟兆魁、薛军 (207)
- 长江口海域主要溶解物质的运移 王正方、阮小正、姚龙奎 (222)
- 崇明岛东部潮滩沉积 徐志明 (231)
- 东海北部气旋型涡旋存在的近期观测证据 赵保仁 (240)
- 研究简报**
- 塑料薄膜采水器 李国基、刘明星、顾宏堪 (249)

学术活动

- 第二次国际桡足类会议在加拿大渥太华举行 石长泰、陈清潮 (251)
国际地质对比计划第 200 号项目中国工作组成立暨第一次学术讨论会在青岛举行 苍树溪 (252)

第 4 期

- 台湾以东黑潮深层流的途径 1940 年 2—3 月观测结果的分析 管秉贤 (253)
长江口潮流的垂直结构 李身铎 (261)
自生硫化铁与现代海洋沉积速率 鲍根德、黄德佩 (274)
海水中放射性核素推定限制浓度的初步研究 王洪升、孙培铨、张永兴、李培泉 (284)
用氟硼酸根离子选择电极快速测定海水中的硼 周锦帆 (298)
光照、温度对小球藻吸收 ^{60}Co 、 ^{137}Cs 影响的实验研究
..... 肖余生、陈时华、周名江、滕文法、杨伟祥、王永元、相振峻、季祥荣 (304)
近海底栖藻类对介质渗透压变化的适应研究 III. 潮间带底栖红藻在不同海水浓度条件下的光合作用
..... 姚南瑜、安力佳、康晓慧、张英泽、蔡淑频 (310)
秉氏米虾及其两新亚种 梁象秋、郑国泉 (316)
异纽类纵沟纽虫科一新属新种——中华枝吻纽虫 尹左芬、曾 蕊 (323)

第 5 期

- 渤海潮运动的一个二维数值模型 方国洪、杨景飞 (337)
卫星遥感与船测黄海和渤海海面温度场的比较 彭承基、R. L. Bernstein (347)
长江冲淡水转向原因的探讨 顾玉荷 (354)
天山及青藏高原天然水中的痕量金属离子——天然水痕量金属离子均匀分布规律的证实
..... 顾宏堪、刘明星、李国基、包万友、张首临 (364)
黄海表层沉积物中总 β 放射性及其分布特征的研究 尹 毅 (371)
海洋化学中的线性自由能关系 III. 盐度效应和离子交换剂/配位体效应 王修林、张正斌 (380)
江苏近海辐射状沙脊群的泥沙运动与来源 万延森、张春年 (392)
黄海表层沉积物中硅藻分布与环境关系探讨 王开发、蒋 辉、张玉兰、王永吉、徐家声 (400)
带鱼年龄鉴定问题探讨 吴鹤洲、成贵书、王建飞 (408)
中国产紫菜属藻胆蛋白的研究 潘忠正、曾呈奎 (417)
中国轮藻新植物和新记录 李尧英 (421)

第 6 期

- 南海北部冬季逆风海流的一些时空分布特征 管秉贤 (429)
台湾海峡及其附近海域三维半日潮波的数值研究 叶安乐、陈宗镛、于宜法 (439)
黄海冷水团锋面与潮混合 赵保仁 (451)
冲绳海槽沉积物的活化分析及元素地球化学研究 I. 元素的含量及分布
..... 李培泉、李岫霞、钱杏珍、于银亭、毛雪瑛、任广法 (461)
国产高分子微球 GDX-502 富集海水中痕量苯及其气相色谱测定
..... 王中柱、崔仙舟、刘学谦、陈 玮、张澎浪 (475)
冲绳海槽地震反射的结构特征 金翔龙、庄杰爽、唐宝珏、牟敦顺、范守安、王绍智 (481)
武汉东湖水柱沉降物有机碎屑碳测定初报 林婉莲、刘鑫洲 (488)
同池中垂动苗帘与静置苗帘贻贝采苗效果的比较 张福绥、马江虎、何义朝、刘祥生、李淑英、于硕恩 (495)
中国近海扇贝科的研究 VII. 栉孔扇贝亚科(拟套扇贝属) 王祯瑞 (502)
断斑石鲈体内吸虫两新种 申纪伟、佟永永 (507)
第一届国际头足类工作会议和学术讨论会在法国邦纽召开 沙 田 (511)

OCEANOLOGIA ET LIMNOLOGIA SINICA

1985 (Vol. XVI)

CONTENTS

No. 1

Satellite Observations and Study on Occurrence Mechanism of the Shear Waves Along the Gulf Stream North Wall	Zheng Quanan, N. E. Huang and V. Klemas (9)
Non-Steady Wind-Driven Sea Current on Linear Sloping Continental Shelf	Lu Jiping and Zhao Yuechen (17)
A Numerical Model for Tidal Current in the Changjiang River Estuary	Zhao Shiqing (27)
Experimental Study on the Intensification of Turbulence in Mixed Layer by Surface Waves	Jia Fu and N. H. Thomas (34)
An Analysis of the Remote Sensing Image of the Chinese Alligator's Habitat	Huang Zhujian, Lin Hengzhang and Zhang Shengkai (42)
Description of Four New Species of Scyliorhinidae From Depths of the South China Sea	Meng Qingwen, Zhu Yuanding (Chu Yuan-ting) and Li Sheng (49)
Studies on Adaptation of the Marine Benthic Algae in Coastal Areas to the Changes in Osmotic Pressure II. The Effects of Sea Water Concentration on Photosynthesis and Respiration of Intertidal Benthic Brown Algae	Yao Nanyu, Zhang Yingze, Cai Shupin, Kang Xiaohui and An Lijia (56)
Some Biochemical and Immunochemical Characterization of Amphioxus Actomyosin	Shi Dianzu, Wu Houyu and Wu Shangqin (64)
Enrichment of Cu, Pb, Zn, Cd, Ag, Bi, Co and Ni From Sea Water With Sulfhydryl Cotton	He Chengshun and Chen Lingdi (73)
Application of the Complex Adsorbent $Al(OH)_3$ - $Fe(OH)_3$ to the Uranium Extraction From Sea Water	Mu Zhaohui and Liu Xingjun (77)
Preliminary Study on Electrolysis of Sea Water to Produce Chlorine on RuO_2 - TiO_2 Anode	Gao Zhenpan (82)
The Transgression and Change of the Fangcheng Delta in the Fangcheng Bay Since Holocene	Lin Baorong (92)
Characteristics of Organic Geochemistry of Sediments in Northern Part of the South Huanghai Sea	Luan Zuofeng (100)

No. 2

Carbon Isotopic Studies of the Sediments in Lakes Qarhan and Frome	Huang Qi, J. M. Bowler, H. A. Polach and J. Head (91)
Environment Geochemistry of Some Heavy Metals in the Sediments of Bohai Bay I. The Distribution Pattern of Heavy Metals in the Sediments and Their Background Values	Wu Jingyang and Li Yunfei (100)
A New Type of Isotherm of Cadmium Liquid-Solid Partitioning on δ - MnO_2 , γ - $MnOOH$ and Manganite in Sea Water	Liu Liansheng, Zhang Zhengbin, Zheng Shihuai, Wang Xiulin and Zhao Meixun (114)
Effect of Alloy Elements on Corrosion of Low Alloy Steel in Different Zones	Hou Baorong, Guo Gongyu, Sun Keliang and Zhang Jinglei (120)
Mercury in Sediments of Bohai Bay	Zheng Shunqin and Zhang Shumei (126)
An Analysis of Mean Sea Level Change Along the Eastern China Coast	Yu Kejun (137)
Description of Hydrologic Structure in Cyclonic Eddy Region of Northern East China Sea in Summer	Ding Zongxin (146)
The Characteristics of Wind Wave in the Gulf of Bohai Under the Influence of Cold Wave	

- Wu Yongcheng, Wang Yimou and Li Lei (155)
 Study on the Growth of the Hairtails *Trichiurus haumela* (Forskål)
 Wu Hezhou, Cheng Guishu, Zhou Jiankui and Wang Jianfei (167)

No. 3

- On a New Sargassum From the East China Sea—*S. nigrifoloides* sp. nov.
 Zeng Chengkui (C. K. Tseng) and Lu Baoren (173)
 On *Gracilaria asiatica* sp. nov. and *G. verrucosa* (Huds.) Papenfuss
 Zhang Junfu (C. F. Chang) and Xia Bangmei (179)
 The Development Process of Sporelings of *Gracilaria verrucosa* (Hudson) Papenfuss
 Chen Meiqin and Ren Guozhong (186)
 Studies on the Biology of Three Freshwater Cladoceran Species Huang Xiangfei (194)
 Study on *Caridina* (Decapoda, Caridea) from Yunnan, China
 Liang Xiangqiu and Yan Shengliang (204)
 A Chemical Model of Zinc Liquid-Solid Partitioning on Goethite, Hematite and Amorphous Iron
 Oxide in Seawater
 Zhang Zhengbin, Liu Liansheng, Zheng Shihuai, Zhong Zhaokui and Xue Jun (220)
 The Transport of Major Dissolved Matter in Changjiang Estuary
 Wang Zhengfang, Yuan Xiaozheng and Yao Longkui (229)
 The Eastern Flat Sedimentation of the Chongming Island Xu Zhiming (239)
 New Evidences About the Existence of Cyclonic Eddy in the Northern Part of the East China Sea
 Zhao Baoren (248)

Research Note

- A Plastic Film Water Sampler Li Guoji, Liu Mingxing and Gu Hongkan (250)

Academic Activities

- The 2nd International Symposium on Copepoda Held at Ottawa, Canada
 Shi Changtai and Chen Qingchao (251)
 The Establishment of I. G. C. P. No. 200 China National Working Group and the First Sym-
 posium Held in Qingdao Cang Shuxi (252)

No. 4

- Current Path in A Deep Layer of the Kuroshio East of Taiwan An Analysis of the Observation
 Results of Feb.—Mar., 1940 Guan Bingxian (259)
 On the Vertical Structure of Tidal Currents in Shallow Water Near the Changjiang River Estuary
 Li Shenduo (273)
 Correlativity Between the Authigenic Iron Sulfide and the Recent Marine Sedimentary Rate
 Bao Gende and Huang Depei (283)
 Preliminary Study on the Derived Limit Concentration of Radionuclides in Seawater
 Wang Hongsheng, Sun Peiquan, Zhang Yongxing and Li Peiquan (297)
 The Rapid Determination of Boron in Seawater Using Fluoroborate Ion Selective Electrode
 Zhou Jinfan (303)
 Effects of Photoperiod and Temperature on Uptake of ⁶⁰Co and ¹³⁷Cs by *Chlorella* sp.
 Xiao Yusheng, Chen Shihua, Zhou
 Mingjiang, Teng Wenfa, Yang Weixiang, Wang Yongyuan, Xiang Zhenjun and Ji Xiangrong (309)
 Studies on Adaptation of Marine Benthic Algae in Coastal Areas to the Changes in Osmotic Pres-
 sure III. The Photosynthesis of Intertidal Benthic Red Algae in Various Concentration of Sea
 Water Yao Nanyu, An Lijia, Kang Xiaohui, Zhang Yingze and Cai Shupin (315)
 On *Caridina pingi* Yu and its Two New Subspecies Liang Xiangqiu and Zheng Minquan (322)
 On *Dendrorhynchus sinensis* gen. et sp. nov. of Lineid Heteronemertean
 Yin Zuofen and Zeng Fen (332)

No. 5

- A Two-Dimensional Numerical Model of the Tidal Motions in the Bohai Sea
 Fang Guohong and Yang Jingfei (346)
 A Study on Comparing Sea Surface Temperature Patterns from Satellite with That from Ship Data
 in the Huanghai and Bohai Seas Peng Chengji and R. L. Bernstein (353)

A Study on the Cause of the Path Turning of the Changjiang River Diluted Water	Gu Yuhe (362)
Some Trace Metal Ions in Natural Waters of Tianshan Mountains and Qinghai-Tibet Plateau— An Evidence of the Homogeneous Distribution of Trace Metal Ions in Natural Waters	Gu Hongkan, Liu Mingxing, Li Guoji, Bao Wanyou and Zhang Shoulin (369)
A Study of the Total Beta Radioactivity in Surface Layer Sediment and Its Distribution in the Huanghai Sea	Yin Yi (378)
Linear Free-energy Relationships in Marine Chemistry III. Salinity Effect and Attacking Reagent Effect	Wang Xiulin and Zhang Zhengbin (391)
The Source and Movement of Sediments of Radiating Sand Ridges off Jiangsu Coast.....	Wan Yansen and Zhang Qinian (398)
Environmental Discussion on Distribution of the Diatom in the Surface Sediments of the Huanghai Sea	Wang Kaifa, Jiang Hui, Zhang Yulan, Wang Yongji and Xu Jiasheng (407)
A Study on the Ageing of Hairtails, <i>Trichiurus haumela</i> (Forskål)	Wu Hezhou, Cheng Guishu and Wang Jianfei (415)
Studies on Phycobiliproteins of <i>Porphyra</i> from China	Pan Zhongzheng and Zeng Chengkui (C. K. Tseng) (420)
Some New Taxa and Records of Charaphyta in China	Li Yaoying (428)

No. 6

Some Features of the Temporal and Spatial Distributions of the "Counter-wind" Current in Northern South China Sea in Winter	Guan Bingxian (438)
Numerical Investigation of Three-dimensional Semidiurnal Tidal Waves in Taiwan Strait and Its Adjacent areas	Ye Anle, Chen Zongyong and Yu Yifa (450)
The Fronts of the Huanghai Sea Cold Water Mass Induced by Tidal Mixing	Zhao Baoren (460)
Neutron Activation Analysis of the Sediments and Geochemistry Study of Elements in Okinawa Trough I. The Contents and Distributions of 29 Elements	Li Peiquan, Li Xiuxia, Qian Xingzhen, Yu Yinting, Mao Xueying and Ren Guangfa (474)
The Enrichment of Trace Benzene in Sea Water with Domestic Polymeric Microbeads GDX-502 and Its Chromatographic Determination	Wang Zhongzhu, Cui Xianzhou, Liu Xueqian, Chen Wei and Zhang Penglang (480)
The Structural Features of Okinawa Trough by Seismic Reflection	Jin Xianglong, Zhuang Jiecao, Tang Baojue, Mu Dunshun, Fan Shouan and Wang Shaozhi (487)
A Preliminary Report on the Quantification of the Sedimenting Organic Detrital Carbon in Donghu Lake, Wuhan	Lin Wanlian and Liu Xinzhou (494)
Comparison of the Efficiency of Spat-collection of Mussel (<i>Mytilus Fdulis</i>) Between Mobile and Stagnate Mattings Within One Tank	Zhang Fusui, Ma Jianghu, He Yichao, Liu Xiangsheng, Li Shuying and Yu Shuoan (501)
Studies on Chinese Species of the Family Pectinidae VII. <i>Chlamydae</i> (Genus <i>Semipallium</i>)	Wang Zhenrui (506)
Two New Species of Digenetic Trematodes from <i>Pomadourys Hasta</i> (Bloch)	Shen Jiwei and Tong Yongyong (510)
The 1st International Workshop and Symposium on Cephalopoda Held at Banyuls-sur-Mer, France.....	Sha Tian (511)