



"ARMFOOT"

"Armfoot" Newsletter #

The **Armfoot** Newsletter was annually edited by
Rex A. Doescher (Smithsonian Institution):

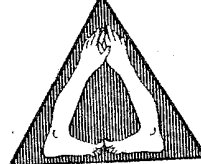
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"ARMFOOT"

"Armfoot" Newsletter #1

July 1, 1983

"On Feb. 11, 1983 I sent out 420 questionnaires to brachiopod workers worldwide. Herein are the compilations of 190 responses. Due to some objections to the title "Friends of the Brachiopods" and proposals to retain the title "Lampshell", I have broken with tradition and have used the direct translation of brachiopod as the new logo for future newsletters. Unfortunately there are probably errors in this newsletter due to my inability to decipher the written word. Hopefully, in the future, all responses will be typed!"-- Rex Doescher

*Logo credited to Bob Finks, Queens College N.Y., redrawn by Larry Isham, Smithsonian Institution.

CURRENT RESEARCH, INCLUDING MANUSCRIPTS IN PREPARATION AND IN PRESS-

Ager, D.V.- Continuing research on world-wide distribution of Mesozoic brachiopods, especially their trans-ocean spread and coast-wise migration in relation to the opening of the Atlantic. Ecology and evolution, especially the stratigraphical and geographical facts as distinct from the theories. In this connection a paper in preparation on evolutionary patterns among the Mesozoic brachiopods for Palaeontological Association meeting at Swansea in Dec. 1983. "Allopatric speciation- an example from the Mesozoic Brachiopoda" Palaeontology, 26(3); (with Masao Minato) "A new Triassic brachiopod fauna from Hokkaido Japan". To be published in a Japanese journal.

Alexander, R.R.- Selective susceptibility to sublethal damage among Late Ordovician brachiopods. Repaired valve frequency is statistically disproportionately high in concavo-convex taxa, low in biconvex-plicate taxa, and intermediate in plano-convex to dorsi-biconvex taxa. Also, a "biogenic wedge" of calcite, identified by W. Bruce Saunders as a ryncholite, is imbedded in a specimen of *Rafinesquina*. This incriminates nautiloids as the predators, and if identification is corroborated, is the oldest calcified nautiloid peak (previous oldest- Carboniferous). Hydrodynamic stability of brachiopods on current-scoured arenaceous substrates. Six orientations tested for select specimens representing 1. biconvex nonstrophic 2. biconvex strophic 3. biconvex alate and 4. concavo-convex shapes. Among biconvex forms, equi-convexity and catacline interareas increase stability on the substrate; plication decreases stability. Hypercline, orthocline and apsacline interareas also decrease stability. Strophic more stable than nonstrophic shapes. Concavo-convex forms stable in 5 of 6 orientations. Also, spines greatly retard sediment scour, in comparison of specimens without spines (subsequently removed).

Almeras, Y.- Conception du genre chez les brachiopodes jurassiques. Paleoeologie des brachiopodes jurassiques et actuels (comparisons). Etude de quelques especes particulieres de Rhynchonellides du Lias et du Dogger Francais. "Terebratulides du Dogger de Provence (France)". (monographie faisant suite a celle du Lias, parue en 1982). Docum. Lab. Geol. Lyon, no.86. "La dislocation des plates-formes carbonatees liasiques en Mediterranee Occidentale et des implications sur les echanges fauniques". Bull. Soc. geol. Fr., 1982, no.5-6; "Fluctuations des peuplements d'ammonites et de brachiopodes en liaison avec les variations bathymetriques pendant le Jurassique inferieur et moyen en Mediterranee Occidentale". Snallow Tethys International Symposium, Padoue, June 1982; "Influence des paleoenvironnements sur la phylogenie des brachiopodes: exemple des Terebratulides du Lias provençal (France)". Geobios, 1983, no.2.

Alvarez, F.- I shall continue my work on the Athyrididae of the Cantabrian Mountains and a more complete picture of the group is being obtained. Attention is focussed on the ecology and variation of the group, as well as on the relationships among the several taxa of the family. "Variacion morfológica de *Anathyris alejensis* Comte 1938 en su localidad y estrato tipo"; "Programa Fortran IV para el estudio biometrico de brachiopodos"; & Brime "Aportacion al conocimiento de las condiciones de formacion de algunos depositos fosiliferos del Devonico Cantabrico"; & Brime "Programa Fortran IV para el analisis monovariante y bivariante (eje mayor reducido) de datos paleontologicos".

Amsden, T.W.- "Biostratigraphy and paleoenvironment of Late Ordovician-Early Silurian strata, Texas Panhandle, Oklahoma, Arkansas and the Mississippi River Valley". I anticipate giving this manuscript to the OGS editor in May or June, 1983. "Late Ordovician, Silurian and Devonian brachiopod range chart; Oklahoma, Arkansas eastern Missouri and western Illinois". I expect to complete this project in 1984. "*Coelospira concava* (Hall) from the Pinetop Chert (Early Devonian) Ouachita Mountain Oklahoma". Journal

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of Paleontology.

- Archbold, N.W.- Continued research on Permian brachiopods of Western Australia and Irian Jaya, Indonesia, especially taxonomic and biostratigraphical studies. "Permian marine invertebrate provinces of the Gondwanan Realm". Alcheringa, 7; & G.A. Thomas "Neospirifer Fredericks, 1924 (Spiriferida, Brachiopoda): A review". Journal of Paleontology.
- Asgaard, U.- Together with Niels Stentoft I am finishing a paper on Recent brachiopods from Barbados (West Indies) based on collections made with SCUBA, grab and dredge from 16 to 325 m. in 1978-1980. The brachiopods have a distinct distribution dependant on larval biology and distribution of their favorite substrates. Parallel with this I have collected tertiary and Pleistocene microbrachiopods from the Mediterranean area and see some interesting parallels on both sides of the Atlantic Ocean. I intend to give a talk on this at the Palaeoecology Congress in Lyon this summer.
- Balinski, A.- (1982-85) Famennian brachiopods from Debnik anticline, southern Poland. (1982-83) Study of the periostracum in the Middle Devonian retziid Plectospira ferita. (in co-authorship)
- Baranov, V.V.- From 1982-1984 I shall continue to be occupied with the study of morphology, systematics, and phylogeny of Ordovician, Silurian, and Devonian rhynchonellids of S.E. USSR. I shall carry on field work in 1983 in the southern outskirts of the Verkhoyan Mts.. In 1983 I shall send two works to press: "New Devonian Rhynchonellids of Northeastern USSR" and "New Silurian and Devonian Rhynchonellids of USSR".
- Barbulescu, A.- (field work)- brachiopods from Central Dobrogea (southeast Romania)- Collovian & Oxfordian- investigations and collections. Study of a few lower Cretaceous brachiopods from Svinita (Banat, Southwest Romania). & G. Rado "Contributions a la connaissance des brachiopodes bademiens de Roumanie". Analele Universitatii de Bucuresti, Ser. Geologie.
- Bassett, M.G.- Wenlock brachiopods of Wales and the Welsh borderland. Brachiopods from the Molda Limestone (M. Ord.) of Sweden. Middle Cambrian brachiopods of Bornholm (Denmark). Various brachiopod faunas from Gotland (Sil., Sweden). Arenig brachiopods from South Wales. Late Silurian-early Devonian brachiopods of Podolia (with C.I. Nikiforova & T. Modzalevskaya). "The Ordovician inarticulate brachiopod Philhedra and related genera". Journal of Paleontology; & v. Jaanusson "Orthambonites and related Ordovician brachiopod genera". Paleontology.
- Bates, D.E.B.- Work on Tagoal fauna, SE Gotland (Arenig age) jointly with D. Harper of Univ. of Dundee.
- Bednarczyk, W.- Currently working on Lower Ordovician Inarticulata/Acrotretidae from northern Poland- stratigraphy & taxonomy. (in press)- "Stratigraphy and fauna of the Cambrian rocks in borehole sections at Leba Elevation, north-eastern Poland". Acta Geologica Polonica, 33 (1983).
- Benigni, C.- Nuova localita fossilifera a Terebratulidae (Brachiopoda) del Titonico superiore nel gruppo delle Tofane (Belluno). Ricerca su alcuni Brachiopodi attuali del Mediterraneo. Ricerca su alcuni Spiriferida del Lias medio dell'Ampezzano. & Pirini Radrizzani "Stratigrafia del Giurassico dei dintorni di Foza (Altopiano di Asiago)". Riv. Ital. Paleont., 88(1).
- Beus, S.S.- New late Mississippian channel-fill deposits in the Grand Canyon- includes a rich brachiopod fauna.
- Biernat, G.- (1982-83) Tertiary brachiopods from West Antarctica (in co-authorship); study on the periostracum of the Middle Devonian retziid Plectospira ferita (in co-authorship); the color pattern of the Middle Devonian rhynchonellids from Poland. "Tertiary brachiopods from King George Island, West Antarctica". (in co-authorship).
- Bitner, M.A.- Miocene brachiopods from Roztocze region, Lublin Upland, eastern Poland. & A. Pisera "Brachiopods from "Pecten Conglomerate" (Polonez Cove Formation, Pliocene) of King George Island" Studia Geol. Pol.
- Blodgett, R.B.- At present I'm near completion with the writing of my dissertation on Early Middle Devonian brachiopods & gastropods from west-central Alaska. Field work is still being carried out during summer field seasons on the Early & Middle Devonian biostratigraphy of west-central and east-central Alaska, primarily on the basis of brachiopods and gastropods. ms in prep.- with D. Rohr on Early Devonian silicified gastropods and brachiopods from Limestone Mountain, Medfra B-4 Quad., Alaska; with A. Boucot on Ashgill (Late Ord.) age Icherskidium (Virganiidae) from west-central Alaska; and short note redescribing "Pentamerus" borealis Meek from the Middle Devonian of the Mackenzie Valley, N.W.T., Canada. & Boucot and Ferriil "A color-banded Beachia (Brachiopoda; Terebratulida) from the Oriskany Equivalent (mid-Early Devonian) of central Alabama". Jour.

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- Boucot, A.J.- Late Silurian Eccentricostea and others from northern Alabama (with Berdan). Scaphiocoelia from Parana Basin (with Caster). Silurian-Devonian brach dominated communities. Ziegler's blisters in Pentameroides from southern New Brunswick (first case). Wenlockian brachs from Baillie-Hamilton Island (big fauna, silicified). & Perry "Lower and Middle Devonian brachiopods from Libya". Palaeontographica; & Blodgett "Color-banded Lower Devonian terebratuloid from Alabama". Jour. of Paleontology; & Brunton "Tropidoleptus from Witteberg Group". Geol. Mag.; & Wang Yu and Rong Jia-yu "Chinese Silurian-Devonian biogeography". GSA Bull.; "Lower Devonian biogeography from Saudi Arabia". Jour. of Paleontology.
- Boullier, A.- Relations between brachiopod fauna and periconallian formations in Upper Jurassic are investigated. Review of Kimmeridgian terebratulids from Jura mountains, Poitou region, Paris Basin and North Switzerland: morphology, stratigraphical distribution, paleoecological features are studied.
- Brew, D.C.- Pennsylvania brachiopods of central Arizona.
- Brunton, C.H.C.- Rhynchonellids, spiriferids and terebratulids from County Fermanagh, Ireland. (Visean); Brachiopods of the Visean Craven Reef Belt. (with D. Mundy); Recent specimens from off west Europe and NW Africa. & Mundy "Septarinia from the Craven Reef Belt".; & Boucot and Theron "Tropidoleptus from the Devonian of South Africa".
- Butler, D.E.- All current work concerns bivalves and biostratigraphy.
- Calzada Badia, S.- Rhynchonellidae del Cretacico superior espanol. Revision de "Terebratella" marini y "T. niosi Bataller 1947, Valangienne de Valencia; Braquiopodos hauterivienses de Fortuna (Murcia)- deep facies, 2 n. gen. & 5 n.sp.; Dos braquiopodos hauterivienses de S. Mateo (Castellon)- neritic facies, 1 n. sp.; Los braquiopodos del limite Domerienne-Toarciense; Precisiones sobre Telothyris jauberti. (Toarciense). & Bilotte "Ortholina n.gen. (Cancellothyridacea) Maastrichtiense Pirineo". Acta Geol. Hispanica; "Sobre Terebratulina dubari. Maastrichtiense Pirineo". Est. Geol.; & Peybernes "Braquiopodos aptienses de la Cordillera del Gareb (Marruecos)". Bol. R. Soc. Espanola H. Natural; & Llompant "Braquiopodos messinienses de Menorca". Bol. R. Soc. Espanola H. Nat.
- Campbell, K.S.W.- My only current brachiopod interest is the Rhaetic fauna of the Kuta Limestone in Papua New Guinea.
- Carter, J.L.- Brachiopods of the St. Joe Limestone of Arkansas and Oklahoma. Much field work completed, some preparation.; Brachiopods of the earliest Mississippian Horton Creek Formation of western Illinois. I have commenced preparation of the Illinois Geol. Survey collections and will begin my own collecting in a few weeks. "Lower Carboniferous brachiopods from the Banff Formation of western Alberta". Geological Survey of Canada Bulletin; "New brachiopods from the Gilmore City Limestone (Mississippian) of northcentral Iowa". Annals of the Carnegie Museum of Natural History.
- Caster, K.E.- Mainly detoured temporarily from brachs- working on Australian carpoid echinoderms and Cambrian limuloids. ms in press with A. Boucot on Scaphiocoelia occurrence in Mato Grosso of Brazil. Other Brazilian Devonian brach studies in prospect.
- Cavey, M.J.- Ultrastructure of adductor and diductor muscles in an articulate brachiopod; Ultrastructure of an undescribed sensory organ in the mantle of an articulate brachiopod.
- Chen Xiu-qin- "Brachiopods of the Ertang Formation (lower Emsian) of Ertang, Central Guangxi". & Wang Yu and Rong Jia-yu "Brachiopods of the lower Dale Formation (upper Emsian) of Central Guangxi".
- Chen Yuan-ren- "The Tuqiaozi Member (Upper Devonian) fossil brachiopods of Longmenshan Area, Sichuan, China". Paleontographica.
- Chuang, S.H.- MS on "Brachiopoda: structure and function"; Research on ultrastructure of visceral organs of inarticulates. "Oogenesis and oosorption in Brachiopoda"; "Spermatogenesis in Brachiopoda"; "Fertilization, development and brooding in Brachiopoda"; "Patterns of sexuality and postlarval development in Brachiopoda"; "Regeneration and reproductive strategies in Brachiopoda"- to be published in vols. 1,2,4,5, & 6 respectively of K.G. Adiyodi & R.G. Adiyodi (eds.) "Reproductive Biology of Invertebrates", John Wiley & Sons, Ltd. (publisher).
- Cocks, L.R.M.- Lower Silurian brachiopod faunas, especially from type Llandovery area, Wales, and Oslo region, Norway. Biostratigraphical work, including brachiopods from Upper Ordovician and Lower Silurian of Newfoundland. Overview of Arenig-Wenlock biostratigraphy for final IGCP Caledonides meeting- Glasgow Sept. 1984. MS in press- Brachiopod chapter in "Atlas of Macroinvertebrate fossils" for Palaeontological Association.

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- Collins, M.- Studies into the way brachiopods on death, breakdown, and become incorporated into sediment. Contrasting rates and routes with bivalves. Field trips to shelf sites on the west coast of Scotland (1983-84)- Postgraduate study.
- Cooper, G.A.- Jurassic brachiopods of Saudi Arabia; Tertiary brachiopods of eastern U.S. (in press)- "The terebratulid loop (Mesozoic to Recent)". Smith Contrib. to Paleobiology.
- Copper, P.- Atrypida- Anticosti Island (Ord.-Sil.); Atrypida- Gotland UK (Sil.); Atrypida- Massif Armoricain (Dev.); the smooth atrypids (evolution). "Punctatrypa". Jour. of Paleontology.
- Cowen, R.- Research on possible algal symbiosis in Permian brachiopods. "Algal symbiosis in living and fossil marine organisms"- tentative title of chapter in "Biotic Interactions in the Fossil Record"- in press, Plenum, N.Y.
- Curry, G.B.- Ecology and population structure of Recent brachiopods & palaeoenvironment analysis based on growth-rate studies. Taxonomy and palaeoecology of Lower Ordovician brachiopods. MS in prep.- & A. Williams- "Lower Ordovician brachiopods from the Durness Lst, Isle of Skye"; & Cocks, and Williams "Ordovician brachiopods from Spitzbergen"; et al "Palaeontology of the Highland Border Complex, Scotland"; "Ecology of the Recent deep-water rhynchonellid brachiopod Cryptopora from the Rockau Trough". "Microborings in Recent brachiopods and the function of caeca" Lethaia 16(2); & A. Williams "Epithelial moulds on the shells of the early palaeozoic brachiopod Lingulella", Lethaia 16(2); "Brachiopod growth and climate" in "Fossils & Climate" symposium volume, (Ed. P. Brechley), Wiley; "Growth variability in Mesozoic brachiopods from Antarctica; significance for palaeo-environment reconstruction" Proceedings & Abstracts volumes of the 1st International Palaeoecology Conference, Lyon, France; & A. Williams "Lower Ordovician (Arenig) brachiopods from the Tourmakeady Limestone, Co. Mayo, Ireland" Bull. Br. Mus. Nat. Hist.
- Delance, J.-H.- Brachiopodes jurassiques, especially Zeilleriaceae; Brachiopodes Recent (terebratellidae); Taxonomie, evolution, systematique de populations, paleoecology. & Laurin "Controle de l'Evolution des Brachiopodes Mesozoiques par les facteurs de l'environnement" in "Modalites et Rythmes de l'Evolution, Mecanismes de Speciation" CNRS Dijon May 1982.
- Di Qiao-ling- (in press)- & Liu Di-yong and Zhang Zi-xin "Middle Ordovician Brachiopods from the Kunlun-Aitun Mts."; & Zhang Zi-xin and Rong Jia-yu "Silurian Tuvaella gigantea Assemblage of the Barkol District, Xinjiang".
- Dickins, J.M.- "The youngest Permian marine fauna from the Bowne and Sydney Basins, Australia"- tentative title of joint paper with V. Scheibner.
- Ding Pei-zhen- (1980-82) Research on marine Permian. (1983) Research on the Carboniferous of northern Xinkiang. (in press)- "The Marine Permian System of Zhenan of South Shaanxi, Eastern Qinling". (abstract).
- Dutro, J.T.- Permian Brachiopods of Alaska- a four part study of the major assemblages, with their biostratigraphic and biogeographic significance emphasized (with B. Wardlaw); Geologic mapping in Wiseman quadrangle, central Brooks Range, Alaska- emphasis on Paleozoic biostratigraphy, including Devonian brachiopods; Biostratigraphy of the Calico Bluff Formation (Carboniferous), east-central Alaska (with M. Gordon); "Devonian stratigraphy of Illinois, Iowa and Missouri" (with G.A. Cooper and Scott Warthin). & Silberling "Megafossil biostratigraphy of some deep test wells, NPRA, northern Alaska" U.S.G.S. Prof. Paper; & Patton "New Paleozoic Formations in the northern Kuskokwim Mountains, west-central Alaska", U.S.G.S. Bull.; & Harris and Hatch "Late silurian conodonts update the metamorphosed Fitch Formation, Littleton area, New Hampshire". Am. Jour. Sci.
- Emig, C.- Study of Lingula anatina from Mutsu Bay (Japan)- description of the specimens; relationship of L. anatina with the sediments compared to those of Lingula reevei (collected in Hawaii). A program will be made in Fall 1983 on lingulids from Noumea and vicinities (New Caledonia). The evolution of Brachiopoda within the Lophophorata will run after the research program on grant R.C.P. by the CNRS (1983-84); Study of population structure of recent Brachiopoda. Transposition on fossils will be performed on 3 points- ecology on present brachiopod populations; population variability and biogeographic distribution; and notion of species, speciation, geographic and spatial distribution. The genera to be studied are Gryphus, Terebratulina, Megerlia, Crania, and Dallina. Interested workers should write to Emig.
- Fagerstrom, J.A.- Continuing research on Spiriferida of Emsian-Eifellian (Devonian) age in vicinity of Michigan Basin. (with Jacques Godefroid) "Le Genre Paraspirifer Wedekind, R., 1926 dans Le Devonien moyen de la partie orientale de l'Amerique du Nord". Bull. Inst. Roy. Sciences Naturelles Belgique.
- Fang Da-wei- I am trying to get back to the still-existing Paleontological Institute of Academia Sinica at Nanking, China to pursue my original studies in Brachiopoda.

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- Feldman, H.R.- Brachiopods of the Onondaga Limestone in central and southeastern New York. Jurassic brachiopods from Gebel El-Maghara, northern Sinai. Morphology and ontogeny of Septirynychia mogharaensis from the Jurassic (Callovian) of northern Sinai. Pseudoglossothyris lewyi, new species, (Brachiopoda, Terebratellacea) from Gebel El-Minshera, northern Sinai, with a note on the evolution of the genus. A paleoecologic and biostratigraphic study of the Jurassic brachiopods from Makhtesh Hatira and other areas of the Negev Desert.
- Feng Ru-lin- I surveyed the Dev.-Carb. sections from Ziyun district of southwestern Guizhou during summer & autumn 1982 and am now studying the brachiopods of these sections. (ms in prep)- "Late Carboniferous Brachiopods from Ziyun district of southwestern Guizhou". (in press)- "Discovery of the Triassic Koninckina from Southwestern Guizhou".
- Fischer, J.-C.- Only past activities for me concerning the brachiopods.
- Foster, M.W.- Recent Southern Hemisphere brachiopods. Recent brachiopods taken by French Expeditions in the Atlantic Ocean. Pennsylvanian brachiopods in central Illinois.
- Fuersich, F.T.- Working with T.J. Palmer, Aberystwyth, on the functional significance of commissural asymmetry in brachiopods.
- Gaetani, M.- Pliocene and Lower Pleistocene brachiopods from Calabria and Sicily, Southern Italy. Brachs both from circalittoral, both from upper bathyal stages. "Brachiopodi neogenici e quaternari della Calabria meridionale della provincia di Messina". Boll. Soc. Pal. It., v.22, n.1- about 30 pp., 11 pls., 10 figs.
- Gilmour, T.H.J.- "Feeding mechanisms of Glottidia larvae" (in preparation); Field trip planned to Santa Catalina Marine Sciences Centre, Los Angeles, to look for articulate larvae in the plankton. Also to Florida State University Marine Lab. to try (once again) to rear Glottidia larvae. Feeding in tornaria larvae and the evolution of gill slits in enteropneust hemichordates.
- Gordon, M.- Work is continuing with T.W. Henry on our paper on the brachiopods of the Hinton and Bluestone Formations (Upper Mississippian) of the Pennsylvanian stratotype region of West Virginia and Virginia. This will be followed by a report, partly prepared, on the Middle Pennsylvanian brachiopods of the same region. We are also engaged in studies on the brachiopods of the Chainman Shale and lower part of the Ely Limestone of west-central Utah. Paper in press, with T.W. Henry, on the Chesterian Davidsoniacean and Orthotetacean brachiopods, Ozark region of Arkansas and Oklahoma. Manuscript completed of a paper with J.D. Treworgy on the Late Mississippian brachiopod Inflatia in northeast Oklahoma. Manuscript in progress on homeomorphy in Late Mississippian North American striatiferid productoids.
- Gourvennec, R.- Beginning a thesis of "Doctorat d'Etat" entitled "Etude des Brachiopodes Spiriferidae du Devonien inferieur du Domaine ibero-armoricain". "Le genre Howellella (Brachiopoda) en Europe de l'Ouest au siluro-devonien"; "Revision des Spiriferidae de la Serie de Lievin (France)" (contribution to a collective work regarding the faunas of Lievin).
- Grant, R.E.- Permian brachiopods of Hydra Island, Greece- field work completed, ms in preparation. Permian brachiopods of Khios Island, Greece- field work completed, specimens being prepared. Biostratigraphy of the Road Canyon Formation, Glass Mts., Texas (with B.R. Wardlaw)- field work completed, ms in preparation. Biostratigraphy of the Word Formation, Glass Mts., Texas (with B.R. Wardlaw)- field work begun on China Tank and Willis Ranch members. "Brachiopods of Enewetak Atoll, Marshall Islands". "Argyrotheca arguta, new species, from Enewetak Atoll" Biol. Soc. Wash. "Phylum Brachiopoda", (with A.J. Rowell)- chapter in textbook on Paleontology, Freeman & Co.
- Gratsianova, R.T.- A monofacial section of the Upper Givetian & Lower Frasnian in the Central Altai and brachiopods from there. Some devonian, onchid, chonetid, productid, and pentamerid brachiopods of the Altai-Sajan region. (in press)- & A.S. Dagys "Morfologiya i voprosy sistematiki nekotorykh devonskikh atiridid Zapadnoi Sibiri." - V knige: "Morfologiya i sistematika bespozvonochnykh fanerozoia." M., Nauka, 1983; "Soobshestva brachiopod verkhnego devona v razreze po r. Tomi u Kosogo utesa i ikh analogi v Gornom Altae." - V knige: "Sreda i znizn' v geologicheskome proshlom. Paleobiogeografiya i paleoekologiya." Novosibirsk, Nauka, 1983; "Ob ispol'zovanii psevdoplanktonnykh brachiopod dlya raschleneniya i korrelyatsii razrezov pri razvedochnom burenii." - V knige: "Fauna i biostratigrafiya paleozoia Sibiri." Novosibirsk, Nauka, 1984.
- Gu Feng- Field work in the Nei Mongol Autonomous region of China. (ms in prep)- "Permian Brachiopods from central district of the Nei Mongol Autonomous region"; "The permian Productoidea from Xi Ujumqin Qi district of the Nei Mongol".
- Gupta, V.J.- Working on the Paleozoic and Triassic brachiopods of Kashmir, Ladakh, Spiti, Kumaon, and Nepal Himalayas. Field work has already been done and rich collection of Permian and Triassic brachiopods has been made from these regions. &

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Waterhouse "A Faunule from the *Lamnimargus himalayensis* zone in the Shyok Valley, southern Karakorum Range". Contrib. to Him. Geology, vol.2. & Waterhouse "An Early Djulfian (Permian) brachiopod faunule from Shyok Valley, southern Karakorum Range, and the implications for dating of allied fauna from Iran and Pakistan". Contrib. to Him. Geol., vol.2.

Hammond, L.- Genetic structure of *Lingula* populations from the Indo-West Pacific Region; revision of the extant species of the genus *Lingula*; revision of the extant species of the family Discinidae. (in ms)- & I.R. Poiner "Genetic structures of three populations of *Lingula anatina* from Queensland, Australia". (in press)- "Experimental studies of salinity tolerance, burrowing behaviour and pedicle regeneration in *Lingula anatina* (Brachiopoda, Inarticulata)". Journal of Paleontology; "Epibiota from the valves of Recent *Lingula* (Brachiopoda)". Journal of Paleontology.

Han Nei-ren- I am going to study some Upper Ordovician brachiopods of Yushan, Jiangxi from 1983-85.

Hancock, N.J.- Brachiopods currently on hold; present research mainly on deltaic sedimentology, diagenesis, palynofacies.

Harper, D.A.T.- Ordovician brachiopods and stratigraphy, N.W. Europe. Systematic description, palaeoecological and biogeographical evaluation of Ordovician brachiopods from Tagoat, Tramore, Rahen, Herbertstown, and Grangegeeth in Ireland; Girvan, Kilbucho, and Wrae Hill in Scotland; various districts of the Oslo Region. Field work is being undertaken in all these areas. Ms in Prep.- "The Late Ordovician brachiopod biofacies of the Girvan district"; "Asngill brachiopods from Hadeland, Norway"; and "Ashgill brachiopods from Ringerike, Norway". "The late Ordovician Upper Ardmillan Brachiopoda of the Girvan district, S.W. Scotland" Palaeontogr. Soc. (Monogr.), pt.1. & D.L. Bruton "Early Ordovician (Arenig-Llanvirn) faunas from oceanic islands in the Appalachian-Caledonide orogen" Uppsala Caledon. Symp. & A.W. Owen "The Caradoc brachiopod and Trilobite fauna of the upper Kirkerud Group, Hadeland, Norway" Geologica et Palaeontologica.

Havlicek, V.- Lower Paleozoic brachiopods, especially Silurian in age. "Devonian and Lower Carboniferous brachiopods of Libya".

He Xi-lin- Just completed field collections of brachiopods from Changxin Formation and began research. & Zhu "Some New Genera and species of Orthotetacea from the Late Permian in southwest China" (just sent to press)

Henry, T.W.- "Brachiopod faunas of the Upper Mississippian sequence in the area of the proposed Pennsylvanian System stratotype, southern West Virginia and southwestern Virginia" (with M. Gordon, Jr.- ms in prep. for probable publication as Journal of Paleontology Memoir Series, projected completion by Oct. 1983. "Middle Pennsylvanian brachiopod faunas from proposed Pennsylvanian System stratotype, central West Virginia" (with M. Gordon, Jr.) ms in prep. for publication in Bull. Amer. Paleontology, projected completion by Oct. 1983. "Upper Mississippian brachiopod faunas and biostratigraphy of eastern Great Basin (Utah, Nevada)" (with M. Gordon, Jr.) field work completed, probably ready for publication in 1984. & M. Gordon, Jr. "Chesterian davidsoniacean and orthotetacean brachiopods, Ozark region of Arkansas and Oklahoma" Journal of Paleontology (in press)

Hiller, N.- Recent brachiopods from the east coast of South Africa- brachiopods recovered during cruises of the research vessel "Meiring Naude". Chonetacean brachiopods from the Lower Devonian Bokkeveld Group, S. Africa.

Hondt, J.-L. d'- Digestion in Brachiopoda. Study of the brachiopods from "Museum II" oceanographic cruise. "Etude de l'intestin et de la glande digestive chez *Terebratulina retusa* (L.) (Brachiopode). II : Localisation d'activites enzymatiques". Bull. Soc. Zool. Fr., 1983, 108(1).

Hoover, P.R.- Upper Triassic spiriferinacean paleoautecology. "The Cooperculum: a new structure in the phylum Brachiopoda, and its functional significance". (in press)

Horowitz, A.- I have a long term project on some brachiopods from the Chesterian rocks (Late Mississippian) in the Illinois Basin.

Hou Hong-fei- Devonian biostratigraphic and paleontologic study, including brachiopods, conodonts, corals, and fish from Shidian region of Yunnan province. A project on the typical Devonian sections of China is being carried out in Guangxi, Sichuan, Gansu, etc. "Atlas of the palaeogeography of China" is being prepared for publication. This atlas edited by the Institute of Geology & Wuhan Geologic College comprise different kinds of maps, such as stratigraphic columnar sections & the outcrop maps, the palaeogeographic maps, palaeotectonic maps, the sketch profiles showing sedimentation, the palaeobiogeographic & palaeoclimatic maps, etc. "Present state about the study of Middle-Upper Devonian boundary"; & Wang Jin-xing "The discovery of Early Cretaceous *Peregrineilla* (Brachiopoda) in Xizang (Tibet)". (in press)

Hurst, J.M.- (ms in prep.)- Virganiid brachiopods in the Ordovician and Silurian of North Greenland (with P. Sneeihan); Smooth spire bearers in the Silurian of North Greenland (with B. Jones); Ordovician brachiopods from North Greenland; All aspects

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of systematics and ecology; Silurian brachiopod ecology, Arisaig, Nova Scotia (with R.K. Pickerill). & R.K. Pickerill "Sedimentary facies, depositional environments and faunal associations of the Lower Llandovery (Silurian) Beechill Cove Formation, Arisaig, Nova Scotia". Canadian Journal of Earth Science.

Isaacson, P.E.- Silurian and Devonian depositional environments, biostratigraphy, and brachiopod taxonomy, central Idaho (no manuscript for present); Mississippian brachiopods from Idaho. (extensive manuscript planned, but not for some time). "Correlation of the Paleozoic and Mesozoic rocks of Idaho" Idaho Bureau of Mines & Geology will publish; & K.R. Simpson and M.D. McFadden "Depositional setting and carbonate buildup succession in Jefferson Formation (Devonian), central Idaho- a harbinger of Antler Uplift?" Geol. Soc. America, Rocky Mtn.-Cordilleran meeting (abstract); & K.L. Canter "Successional stages in recurrent (cyclic?) carbonate buildups, Snaky Canyon Formation (Penn.-Permian), south-central Idaho" Geol. Soc. America, Rocky Mtn.-Cordilleran meeting (abstract).

Jin Yu-gan- In order to better understand the intercontinental correlation of Permian marine sequences, I have taken field trips in the Glass Mts. & Guadalupe Mts. with Drs. Grant & Wardlaw; in Nevada, Utah and Wyoming with Dr. Wardlaw; in north Queensland with Dr. Waterhouse; in Southern Sydney Basin with Dr. Dickens; around Melbourne with Dr. Thomas & Mr. Arcnbold; and in the southern island of New Zealand with Dr. Waterhouse. I am preparing papers on Permian brachiopods from the Qinghai-Xizang (Tibet) Plateau and from South China. Also, study of Carboniferous brachiopods from Xinjiang is progressing. Last year, I stayed in the Field Museum of Natural History for 2 weeks to compare our materials with Weller's specimens. (in press)- "On Lochengids- Some anomalous athyrids from the Carboniferous and Permian of South China"; "Permian Brachiopods and Paleogeography of the Qinghai-Xizang Plateau"; "Review on Ecostratigraphy".

Johnson, J.G.- A paper with M.A. Murphy, complete in first draft, traces the evolution of the carbonate shelf edge through the Silurian and Devonian in Nevada with the aid of a time-rock transect. This transect will serve as the model on which to interrelate the known central Nevada brachiopod communities; a project planned for 1984. Work with G. Klapper and C.A. Sandberg is progressing on Devonian eustatic fluctuations of North America. It is apparent that all Devonian correlations based on brachiopods and all Devonian communities can be related to a eustatic infrastructure.

Jones, B.- Silurian-Devonian brachiopod faunas of Arctic Canada. Present emphasis on further analysis of faunas from the Devonian Bird Fiord Formation of Arctic Canada. Available collection of approx. 40,000 specimens from numerous localities- taxonomy, ecology and distribution will be documented. Other work centers on comparison of Upper Silurian brachiopod faunas of Arctic Canada with those found elsewhere in the world (e.g. China, Australia). & Boucot "Spiriferids from the Lower Devonian strata of southwest Ellesmere Island, Arctic Canada" Jour. of Paleontology; "Analysis of growth patterns in brachiopods and its potential use for the identification of species". Jour. of Paleontology.

Jope, M.- Biochemical study of protein of the brachiopod shell.

Kalashnikov, N.V.- Field work: (1983) North Timan, Sula river, Carboniferous and Permian brachiopods and stratigraphy. (1984) North Urals, Shugor river, Carboniferous and Permian brachiopods and stratigraphy. Ms in prep. (1982-84)- Permian brachiopods of the European North of the USSR (Kanin peninsula, North Timan, New Zemlya island, North Urals, and Pai-Hoi. Papers in press- "New data on the paleontological characters of the Permian deposits of the Kanin peninsula"; "Paleontological atlas of the Permian deposits of the Petschora coal region"; Paleontological atlas of the Permian deposits of the Russian platform and the Urals".

Klets, A.G.- (ms in prep)- Lower-Middle Carboniferous brachiopods of Tuguro-Chuminansky region. (field work)- Middle Carboniferous-Permian deposits (Judoma, Ohotsky region).

Kulkov, N.P.- (ms in prep)- & E.V. Vladimirovskaya "On upper Ordovician and Silurian brachiopods of Tuva"; "Description of Upper Silurian (Pridolian) Brachiopods of Altay Region"; (in press)- "Tuvaechonetes- New Genus of Silurian brachiopod" Paleontologicheskii Zhurnal; & A.B. Ivanovsky "International Stratigraphical Scale and Magnafacies" Lethaia.

Langenheim, R.L.- Work on Late Paleozoic faunas of the Illinois Basin. Shortly presenting biostratigraphic summary on Shumway Limestone. Michael Sweet just finished thesis on environment of deposition of Bonpas Limestone with some brachiopod material therein; Pius Weibel, a student, is working on Missourian and Virgilian limestones and will have brachiopods in it. I have just finished looking at Wanless' Mesolobus from western Illinois. Work on Bird Spring Group in Arrow Canyon Range aimed at establishing a western Pennsylvanian regional stratotype. W. Lipman has finished a thesis on Missourian and Virgilian brachiopoda and we have an abstract out. B. Huff is in progress on Late Atokan fauna, S. Adams working on Early Atokan, S. Moffett on Desmoinesian, B. Vaiden on a Morrowan faunule, and P. Mills on a Wolfcampian faunule. All of this is biostratigraphic in orientation, but includes description and illustration of fossils. & G.D. Webster and C.P. Weibel "Atokan of the Bird Spring

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Group, Arrow Canyon, Clark County, Nevada, a Potential Stratotype Section" Bull. Okla. Geol. Survey. This includes a photographic documentation of the section, a columnar section correlating published descriptions according to the individual described sub-units and a combined faunal list keyed to the sub-units from which they have been reported. Many brachiopods. & M.H. Scheinhing "Paleoenvironments of the Shumway Cyclothem (Virgilian), Effingham County, Illinois and Contrast between Illinois and Kansas-type Cyclothems" Proc. IX Internat. Congress of Carboniferous Stratigraphy and Geology, Proceedings. This is the paleoenvironmental documentation of the Shumway fauna (dominantly brachiopoda) already published by us.

Laurie, J.R.- (ms in prep)- Late early Cambrian phosphatic faunas from central Australia (with J.H. Shergold); A redescription of *Spanodonta hoskingiae* Prendergast (with P.J. Coleman); On the Anoptambonitidae; Internal structure of a middle Cambrian paterinid brachiopod; Ordovician and Early Silurian Brachiopoda of Tasmania. Field work will be in the Amadeus Basin of central Australia, concentrating on Early Cambrian and Middle Ordovician formations. & C.F. Burrett and B. Stait "Trilobites and microfossils from the Middle Ordovician of Surprise Bay, Southern Tasmania, Australia".

Laurin, B.- Continuing fieldwork on Jurassic rhynchonellids of France and Portugal. Ms in prep.- Middle Jurassic rhynchonellids of Jordan; Population structure of *Macandrevia* from West African abyssal plain; Gregarity of *Burmishynchia decorata* (Schlot.) : interest on autecologic analysis for the population-environment relationships; Sea work with the working-group "Recent brachiopods from Mediterranean". (in press)- "Un test du "bottleneck effect" (Stanley, 1978) chez le rhynchonellides jurassiques"; "Acts du Colloque international CNRS "Modalites et Rythmes de l'Evolution" Dijon; "Les peuplements de rhynchonellides en Jurassique moyen dans le Bassin de Paris. Relations entre environnement et dynamiques de populations. Systematique. Phylogenie. Biostratigraphie." Cahiers de Paleontologie. 300 p., 15 pls.

Legrand-Blain, M.- (Field work)- Carboniferous brachiopods of Montagne Noire, S. France. Current research now on a lower Tournaisian fauna. Ms in prep.- & al. "Carboniferous brachiopods from Central Pyrenees, France- II. Description of the Orthida and Spiriferida; Biostratigraphy, Palaeoecology, Palaeobiogeography" Geobios; & L. Roussele, O. Ducasse, and M. Ringeade "Vers une approche des strategies adaptatives des populations fossiles" Congres International de Paleoeologie, Lyon. (in press)- & J.J. Delvolve, and M.F. Perret "Carboniferous brachiopods from Central Pyrenees, France- I. Stratigraphical and sedimentary data; description of the Strophomenida" Geobios.

Li Li- Field work in Guangxi and Shanxi Provinces had been finished in 1982. (in press)- & Gu Feng "The Jurassic Brachiopods of Yunshan Region East Heilongjiang"; & Gu Feng and Li Wen-guo "Spiriferella and Spiriferelloides from the Lower Permian Strata of Xi Ujimqin Qi Region, Inner Mongolia"; & Gu Feng and Li Wen-guo "Productidae from the Lower Permian Strata of Xi Ujimqin Qi Region, Inner Mongolia".

Li Luo-zhao- (in ms)- Late Ordovician Pentamerid (Brachiopoda) from Zhuzhai in Yushan, Jiangxi Province; Addenda of new Ordovician Trimerellid (Brachiopoda) Materials from W. Zhejiang Province. (in press)- "New Ordovician Trimerellid (Brachiopoda) Materials from Western Zhejiang".

Li Wen-guo- Silurian, Devonian & Permian of Inner Mongolia. (in press)- et al "New Knowledge on the Siluro-Devonian biostratigraphy of Bataobas area, Damao Qi, Southern Inner Mongolia"; "A Study of Permian Brachiopods of Zhesi Formation (Jisu Honguer) in Inner Mongolia".

Liao Zhuo-ting- My summer will be very full as I will leave Canada to return to China at the end of next month (July). Then in October I leave for southwest China to study T/P and P/C boundaries.

Litvinovich, N.V.- is working on the stratigraphy and brachiopods of the Carboniferous from Central Kazakhstan. She has published many works on the stratigraphy and brachiopods of the Lower Carboniferous and has revised the genus *Gigantoproductus*. (in press)- & M.N. Solovjeva, E.A. Ivanova, and others, "Moscow stage. (Biostratigraphy correlation). Stratigraphy and Geology." Abstract of papers, Univ. of Illinois at Urbana (1980). & M.V. Martynova "Problems of study of Upper Paleozoic deposits of Central Kazakhstan." Problems of Geology C. Kazakhstan, Vol.2 (1981). & T.N. Vorontzova "To the revision of the genus *Gigantoproductus*". Bull. of the Moscow Soc. of Natur. Geol. ser. n.1, p.81-94 (1983).

Liu Di-yong- (ms in prep)- & Xu Han-kui "Middle Ordovician brachiopods from Southwest China"; "The cardinalia and the classification of Orthida"; & Zhu Ci-ying and Xue Chun-ting "Ordovician brachiopods from north-western Xiao Hingan Ling, Northeast China"; & Liu Wei-zhou "Upper Ordovician brachiopods from middle Da Hingan Ling, Northeast China"; "Earliest Cambrian brachiopods from Southwest China". (in press)- "Ordovician brachiopods and "construction in resistance" between oceanic and continental crusts"; & Xu Han-kui "The late Early Ordovician brachiopods from Southwest China"; "Chance and necessity in biologic evolution (The opposite processes during geological development and the current controversy about Darwinism)".

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Lobatscheva, S.V.- Terebratuloidae, Cancellothyridoidae, Loboidothyridae. (in ms)- & M.V. Titova "Brachiopoda (Terebratulida) of the Chalk of the South USSR". (in press)- "O berrianskikh brachiopodov Kryma". Ezhegodnik VPO, 1983, vol. XXVI; "Brachiopoda nizhnego mela yugo-zapadnym otrogov Gissarskogo khrebt". Byull. Moskovskogo obshchestva ispytatelei prirody otd. Geologicheskii.

Logan, A.- Brachiopods (Recent) from SW Atlantic region- Canaries, Madeira, Cape Verde Islands, coast of Mauritania. "Brachiopoda collected from Cancap I, II & III expeditions to the south-east North Atlantic, 1976-78" Rijksmuseum van Natuurlijke Historie; & J.P.A. Noble "Recent Brachiopoda from Malta" Central. Med. Nat.

MacKinnon, D.- Cambrian brachiopods of New Zealand, particularly inarticulates. Devonian brachiopods of New Zealand. "A late Middle Cambrian Orthide-Kutorginide brachiopod fauna from North-west Nelson, New Zealand" N.Z. Jour. Geol. Geophysics.

Macomber, R.W.- Preparation of articulate brachiopods from Maquoketa Fm. (Upper Ord., Iowa/Minn.); further ribbing studies of "dalmanellids". Ms in prep- Format for study of multicostellate-ribbing.

Martinez Chacon, L.- I continue working on Carboniferous brachiopods of the Cantabrian Mountains (N of Spain). In collaboration with C.F. Winkler Prins I am preparing the paper "Upper Carboniferous (Kasimovian) brachiopods from the province of Oviedo, N. Spain" to be presented at the occasion of the X International Carboniferous Congress. Also, for the same Congress, I am involved in three other papers on biostratigraphy and several fossil groups of the different areas of the Cantabrian Mountains, in collaboration with some other authors. (in press)- & C.F. Winkler Prins "The brachiopod fauna of the San Emiliano Formation (Cantabrian Mts., NW Spain) and its Connection with other areas". C.R. IX Int. Carb. Congress; & J. Truyols and L. Sanchez de Posada "Noticia sobre los esfinctoos del Carbonifero de la Cordillera Cantabrica y su posicion estratigrafica". Col-Pa.; & J. Truyols, and L. y Sanchez de Posada "Edad de las capas con esfinctoos citadas por Barrois en la region del rio Ponga (Carbonifero de la Cordillera Cantabrica, N. de Espana)". Brev. Geol. Ast.

Martynova, M.V.- continues her studies of Middle and Upper Devonian Brachiopods from Central Kazakhstan. She also deals with stratigraphy of the Middle and Upper Devonian of Central Kazakhstan. (in press)- & T.N. Vorontzova and N.F. Chumakova "New data on lithology and fauna of Upper Devonian of Shiozek Mulda (Central Kazakhstan)". Vestnik of the Moscow University, series 4, Geology.

McGhee, G.R.- Ecology of the Frasnian-Famennian Mass Extinction (which decimated brachiopods globally). Ms in prep- Paleoeecology of the lower West Falls group (Dev.-New York); Ecology of the Frasnian marine biota of New York (with R.G. Sutton). & Sutton "Evolution of late Frasnian (Late Devonian) marine environments in New York and the central Appalachians" Alcheringa.

Meilou, M.- Siluro-devonien de Lievin (Nord de la France); Revision d'"Orthis" berthouisi Rouault; Brachiopodes articulés de la formation de Rosan (Caradoc-Ashgill).

Menakova, G.N.- Field work in Central Tadzhikistan in 1983 & study of the Davidsoniacea in Tadzhikistan. "Zeravshania, a new genus of brachiopod of the family Davidsoniidae from Central Tadzhikistan".

Mergl, M.- Lower Paleozoic brachiopods, especially inarticulate brachiopods of Ordovician and benthic communities of Arenigian in Bohemia. "New brachiopods (Cambrian-Ordovician) from Algeria and Morocco"; "Rocky-bottom fauna of Ordovician age in Bohemia (Arenigian, Prague Basin)".

Michalik, J.- Lower Cretaceous pelagic carbonate environments and their fauna (including brachiopods), Western Carpathians. Brachiopods of the Triassic/Jurassic boundary beds, W. Carpathians. (in press)- (none concerning "pure brachiopodology" at present).

Middlemiss, F.A.- Lower Cretaceous Terebratulidae of the Jura region- 3. Terebratula salevensis de Loriol and the genera Prae-longithyrus and Tropeothyris; Brachiopods in relation to Cretaceous stage boundaries; and Cretaceous brachiopod faunas from Vorarlberg, Savoy and Provence. "Lower Cretaceous Terebratulidae of the Jura region- 2. The Aptian fauna of La Presta and Noirvaux Dessus and the upper albian fauna of La Vraconne" Eclogae geol. Helv.; "The distribution of Terebratulidae in the Hauterivian of the Jura region" In J. Remane (ed.) L'Hauterivien du Jura. Mem. Soc. Neuchatel. Sci. Nat.; "Some terebratulid brachiopods from the Cretaceous of Heligoland" Geol. Jb.; Application to the I.C.Z.N. to use its plenary powers to suppress certain synonyms in the family Pygopidae. Bull. Zool. Nomencl.

Mount, J.D.- New Brachiopoda from the Tertiary of California.

Munoz, J.- I began to work with the Cretaceous brachiopods from NE Spain.

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- Musteikis, P.- Silurian Enteleteracea and stratigraphy; their morphology, biometry, paleoecology, and taxonomy. & L. Puura "Brachiopody roda Dicoelosia silura Pribaltiki". (The brachiopod genus Dicoelosia from the Baltic Silurian). Eesti NSV Tead. Akad. Toimetised, Keemia Geoloogia.
- Nakamura, K.- I am continuously doing research on the Permian brachiopods of the Kitakami Mts. and Miharano (Japan), Sisophon (Cambodia), Salt-Range (Pakistan), and Abadeh (Iran). The result of this research is expected to be successively published within the next 5 years. Another interest for me is Permian-Triassic boundary problems. In this connection I visited the People's Republic of China with 3 Japanese scientists in 1981 & 1982, examining and discussing the boundary in China with Dr. Liao Zhuo-ting and some other members of the Nanjing Institute of Geology and Palaeontology, Academia Sinica.
- Nekvasilova, O.- Terebratulidae from the Lower Cretaceous of Stramberk, Czechoslovakia (taxonomy & ecology); Lower Cretaceous Thecideidae cemented to the walls of fissures which penetrate the Tithonian Stramberk Limestone (taxonomy & ecology); Tithonian Thecideidae attached to undersides of corals occurring at Stramberk in the Tithonian Stramberk Limestone. "The genus Argyrotheca (Brachiopoda) from the Bohemian Cretaceous Basin" Cas. Mineral. Geol., no.1 (1983)
- Neuman, R.B.- Ordovician brachiopods in the axial part of the Appalachian-Caledonide orogen. Geologists in Newfoundland made new (1981-82) finds of Arenig-Llanvirn occurrences that add taxa and data on environmental and paleogeographic settings. Review paper completed.
- Ni Shi-zhao- I am working with Ordovician and Triassic conodonts from West Hubei Province. (in press)- "The conodonts of Lower Carboniferous and Permian from Yangtze Gorge".
- Nullo, F.E.- Revision of Devonian brachiopods from Parana Basin- Brasil in collaboration with Raquel Quadros.
- Ovtsharenko, V.N.- Dimorphism of internals of the Jurassic terebratulids. "The appearance of dimorphism in the internal structure of shells of Jurassic loboidothyrids (brachiopods)"; "On some stages of development of the brachial apparatus of the brachiopod Loboidothyris breviplicata (Kitchin)"; "An attempt to study fossil mutants in a transitional population of Jurassic terebratulids"; "Jurassic brachiopods of Pamir".
- Owen, E.F.- Ms in prep- "A systematic study of the Bathonian-Callovian brachiopod fauna of northern Sinai" (title not definite). "The brachiopoda of the Upper Albian and Lower Chalk of the United Kingdom and part of Northwestern Europe".
- Paine, R.T.- Adaptations to disturbance; competition between and predation on coralline algae, generally- how rocky shore communities are organized. (in press)- Convergence between mussels and tunicates. Evolution (1983); A statement on community ecology. Paleobiology (1983); A contributed chapter on convergent evolution. Coevolution (1983).
- Pajaud, D.- Brachiopodes du Neogene Mediterranean et ouest-europeen. Rhynchonelles du Lias de Lorraine. Thecidees.
- Parfrey, S.M.- Palaeontology and palaeoecology of the Permian Cascades Group in Tasmania. Description of the brachiopods and bivalves from the Permian Cattle Creek Formation, Queensland. "Redescription of the Permian Aulostegid brachiopod Taeniothaerus subquadratus (Morris), the type species of Taeniothaerus Whitehouse" Alcheringa (1983).
- Pecar, J.- I am finishing the undergraduate study of paleontology with the theme "Upper Carboniferous and Permian chonetacean brachiopods in Slovenia, NW Yugoslavia" (mentor prof. Ramovs, Univ. of Ljubljana). After this I intend to continue and end my formal education with work about brachiopods from our reef Neoschwagerina Limestone. More advisors (also from other countries) will be asked for suggestions about that work, which could be jointly published later with interested advisors.
- Pesic, L.- Permian brachiopods of West Serbia (Yugoslavia).
- Pevny, J.- Middle Triassic brachiopods of the Wetterstein limestones, mainly the genus Crunatula. Lower Jurassic brachiopods, mainly rhynchonellids and zeillerids. & Kochanova. "Bivalves and brachiopods from Wetterstein limestones of Ostuj vich (Male Karpaty Mts.)" Zapadne Karpaty ser paleontologia, 6:7-40, Bratislava (1982).
- Plodowski, G.- Brachiopods from the Devonian/Carboniferous boundary beds of the Taurus Mountains, Turkey. Tournaisian spiriferids from Belgium and Western Germany.
- Popiel-Barczyk, E.- During last 2 years I was dealing with: (1) juvenile terebratulids from Lower Muschelkalk in the borehole

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Zebrak-IG (Podlasie region, eastern Poland), which were found long ago, but not recognized hitherto. Their state of preservation enabled the studies of internal morphology and early stage of loop development, and (2) Tertiary brachiopods from Kinge George Island, South Shetland Islands, west Antarctica, assembled during the 1980/81 Polish Antarctic Expedition, conducted by prof. K. Birkenmajer. & H. Senkowiczowa "Middle Triassic juvenile terebratulids Angustothyris angustaeformis (Boeckh) from the Zebrak borehole, eastern Poland" Acta Geol. Pol., 33(1)1983. & G. Biernat "Tertiary brachiopods from Kinge George Island, West Antarctica" Studia Geologica Polonica.

Popov, A.M.- (in prep)- "Shell structure and growth of a brachiopod Terebratalia coreanica, from the Okhotsk Sea and the Sea of Japan." (in press)- "Formation of isotopic composition and growth peculiarities of shells in some Recent brachiopods of north-west part of the Sea of Japan". In Voprosy paleobiogeokhimii (The Problems of Paleobiogeochemistry), Baku. (In Russian- with S.I. Kiyashko).

Popov, L.Ye.- Middle Ordovician Brachiopoda from Kazakhstan (Anderken nor.); Cambrian and Lower Ordovician Inarticulata from Baltic region; Middle and Upper Cambrian inarticulate brachiopods from Novaja Zemlja; Evolution and systematic of the Early Palaeozoic inarticulate brachiopods; Upper Cambrian and Lower Ordovician inarticulate brachiopods from the north-eastern Kazakhstan; Upper Ordovician inarticulate brachiopods from Estonia; The Lower Ordovician inarticulate brachiopods from Malyj Karatau and Kendyktau (south Kazakhstan). (in press)- & V. Gorjansky "Origin and shell morphology of some calcareous inarticulate Brachiopoda"; & I.F. Nikitin "The Middle Ordovician brachiopods from Bestamak' and Sangaldak fm. from Chingize Ridge (Kazakhstan)"; & K.K. Khazanovitch and L.M. Melnikova "The Middle Cambrian fauna from the Leningrad district". & T.B. Rukavishnikova "A gigantic Trimerellid Brachiopoda from the Upper Ordovician from south Kazakhstan". Field work will be in East Kazakhstan & Baltic region.

Potter, A.W.- Ordovician brachiopods of west-central Alaska and eastern Klamath Mountains, north California. Geology of eastern Klamath Mountains, northern California.

Prokofiev, V.A.- I am now switching to the study of the fauna of Devonian Pelecypoda from the southeastern region of the Russian platform. (in press)- "O nekotorykh pereryvakh v nizhnem paleozoe Moskovskoi sineklizy v svyazi s resheniem problemy neftegazonosnosti"; "Fauna i nekotorye voprosy stratigrafii ordovikskikh otlozhenii Moskovskoi sineklizy" Byull. MOIP, otdel. geol., 1982, No.5.

Prozorovskaya, E.L.- Middle and Upper Jurassic brachiopods of the Caucasus and Middle Asia. External and internal morphology, preparation of serial transverse sections, research of the microstructure of the shells and amino acid composition of the shells of brachiopods. Search of Jurassic brachiopods in Jurassic deposits of Caucasus. (in press)- papers about amino acid composition of the shells of some Jurassic brachiopods and about Tithonian brachiopods of Middle Asia.

Racheboeuf, P.R.- (ms in prep)- Productidina du Devonien moyen et superieur du Synclinorium median armoricain; Chonetes du Devonien inferieur et moyen de l'Arctique canadien; Atrypacea du Devonien du Massif Armoricain (in coll. with P. Copper); Revision des Chonetes devoniens d'Allemagne; Upper Silurian and lower Devonian Chonetacean brachiopods from the northern of Europe (Great Britain, Scandinavia, Belgium, Podolia, and Estonia) (in coll. with V. Walmsley & M. Rubel). In an other way I assume the coordination of a collective work about the Siluro-Devonian "Serie de Lievin". "Revision des syntypes de Chonetes nana Verneuil 1845" (Chonetacea, Brachiopoda) Ann. Soc. geol. Nord.; Frankiella n. g., nouveau Brachiopode Chonetacea de l'Eifelien du Massif Schisteux Rhenan (Allemagne) et du Massif Armoricain (W. France) N. Jb. Geol. Palaeont.; "New data on Silurian and Devonian Chonetacean Brachiopods from Bolivia" Jour. of Paleont.

Racki, G.- Brachiopods and ecostratigraphy of Middle and Upper Devonian of the Holy Cross Mts. (Ms in prep)- Brachiopods from the Devonian stromatoporoïd-coral limestones of the Holy Cross Mts.; Brachiopod synecology in the Devonian stromatoporoïd-coral limestones of the Holy Cross Mts.; Brachiopod ecology in the Devonian carbonate complex and problem of their euryhalinity.

Radulovic, V.- Doggerian terebratulids of Laz (Yugoslav Carpatho-Balkanids).

Richardson, J.R.- Collections in Fiordland & studies of embryology of Notosaria nigricans and species of Terebratalia (1982). Jan.-June 1983- at Smithsonian Inst. for study of pre-Tertiary fossils. "The Brachiopods of South Australia" Flora & Fauna of South Australia Handbooks 2. "Significance of steep rock wall faunas within Fiord basins". & P.W. Anderson "Substrates of Recent Brachiopods"; & R.J. Mineur "Motile Behaviour in Brachiopods"; & R.J. Mineur "Free and Mobile Brachiopods"; & G.L. Lyon "Food Sources of Brachiopods from Fiordland"; & A.E. Aldridge "Evolution of Neothyris".

Rickwood, A.E.- At the present I am not actively involved in any brachiopod research.

Rodriguez, J.- Ms in prep- Late Famennian brachiopods from the Leatham Formation, Northeastern Utah; Late Famennian brachiopods

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- from the Middle Pilot Shale, West-central Utah. (with R.C. Gutschick).
- Rohr, D.M.- I am working on an Alaskan Upper Ordovician gastropod-brachiopod assemblage with Robert Blodgett.
- Rong Jia-yu- (submitted)- & Su Yang-zheng & Li Wen-guo "Baterospirifer, a new genus of Late Silurian eospiriferid brachiopoda". & Xu Han-kui "Latest Ordovician Hirnantia fauna of Xainza area, N. Xizang (Tibet)". (in press)- "Distribution of the Hirnantia fauna and its meaning". (in prep)- & Wang Yu "Devonian brachiopods of the Yukiang Formation of Central Guangxi"; & Wang Yu and Chen Xiu-qin "Brachiopods of the lower Dale Formation (Upper Emsian) of central Guangxi".
- Rosenberg, G.D.- Growth patterns in living and fossil invertebrates and invertebrates: brachiopods- Late Ord. from Indiana; living brachs from the Pacific N.W.
- Rousselle, L.- Revisions des especes et diagnoses generiques (exemple pris chez les Brachiopodes du Jurassique). Article destine a la seance specialisee sur la "notion de genre en Paleontologie". Soc. geol. France (2-3 Mai 1983 at Dijon).
- Rowell, A.J.- Late Middle & Early Late Cambrian brachiopods of the Great Basin & northern Greenland. Middle & Late Cambrian brachiopods of north Victoria Land. (Ms in prep)- Evolutionary significance of Nisusia (with Nancy Caruso); Brachiopod chapter of Boardman, Cheetham & Rowell (eds.) "Textbook of Invertebrate Paleontology" (with R.E. Grant).
- Rozman, Kh.S.- (in press)- "Brachiopods and paleozoogeography of the Ordovician from Mongolia". BMOIP, otd. geol., 58(3), pages 106-119 (1983); "Early Ashgillian Stropheodontacea (Brachiopoda) from Central Asia". Paleontologicheskii Zhurnal, no.1 (1983).
- Rubel, M.P.- Systematics and distribution of Silurian brachiopods in Baltic. (Ms in prep)- "New genus of Mystrophoridae (Brach.) from the Baltic Silurian" by M. Rubel, P. Musteikis and J. Nolvak.
- Ruggiero, E.T.- Biostratigraphic and palaeoecologic study on a brachiopod fauna from the Quaternary of Apulia (S. Italy); Ecology of some Thyrrenian Sea brachiopods; Rhynchonellid fauna from the Jurassic of N.W. Sardinia. (in press)- "Sardorhynchia crassa gen. nov., sp. nov. (Brachiopoda), from Jurassic of Sardinia". Boll. Soc. Paleont. Italiana 1982.
- Rukavishnikova, T.B.- During field work for 1982, members of the genera Borealis and Virgianella have been recorded for the first time in southern Kazakhstan. (Ms in prep)- Early ribbed atrypids in Kazakhstan.
- Savage, N.M.- (Ms in prep)- & Gordon Vaskey "Pennsylvanian brachiopods of the Klawock Fm S.E. Alaska"; "Late Devonian brachiopods of the Wadleigh Limestone, S.E. Alaska".
- Schischkina, G.R.- Currently I am interested in the study of brachiopods and the stratigraphy of Devonian deposits from upper Priamurya. (in ms)- "Biostratigraphy of Devonian deposits from the Far East". (in press)- "Trilobostrophia- new genus of Devonian stropheodontid (Brachiopods)".
- Schmidt, H.- Palaeozoic rhynchonellids (systematics & morphogeny). Also some detailed studies, particularly on Devonian taxa, a comprehensive bracket key for determination of the rhynchonellids of the Emsian, Eifelian, Givetian, and Frasnian of the classical Eifel occurrences is almost ready for publication.
- Shan Hui-zhen- (Ms in prep)- "Upper Devonian Brachiopods of Shetienschiao Formation of Qiziqiao, Xianxian, Hunan"; (in press)- "Lower Carboniferous Brachiopods of Tzemenchiao Formation of Qiziqiao, Xianxian, Hunan" (1981)
- Siblik, M.- Study of Upper Triassic brachiopods of Slovakia (CSSR) and the Alps field work in Slovakia. (Ms in prep)- "Ribbed rhynchonellids of the Slovak Upper Triassic"; "Genus Austriellula from the Upper Triassic" Zap. Karpaty, vol.8. (in press)- "Triassic brachiopods of the Northern Alps and their generic attributions"; "Triassic Brachiopods from Aghdarband (NE Iran)"; short co-papers on Austriellula from Timor & Halorella from Turkey (all papers contribute to IGCP project 4 (Triassic of the Tethys Realm)).
- Storch, V.- Systematic zoology (textbook); ultrastructure of nephridia.
- Strusz, D.L.- Silurian brachiopods (systematics, biostratigraphy) of the Canberra-Yass region, New South Wales. Brachiopod fauna of the Ordovician Horn Valley Siltstone, Amadeus Basin, central Australia. "Silurian Maoristrophia (Brachiopoda) from Canberra, Australia" Alcheringa, 7(1/2) (1983)

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Struve, W.- Several papers on Devonian brachiopods are underway and almost completed. Main subjects are the brachiopods at the boundary positions Emsian/Eifelian, Eifelian/Givetian, Givetian/Frasnian, particularly in the classical Eifel area and in the stratotype sections. Progress is hampered by the transfer of the Geology-Palaeontology Department including reorganization of the systematical collections (tril. & brachs).

Su Yang-zheng- (field work)- Upper Silurian brachiopods and stratigraphy in central Nei Mongol Autonomous Region and Jilin Province. (in press)- & Chang H-r. et al "Restudy of type section of "Heitai Formation", eastern Heilongjiang Province"; & Rong Jia-yu and Li Wen-guo "Upper Silurian brachiopods of Xibiehe Formation, from Gashao Miao and Xibie He (river), Damao Qi (banner), Nei Mongol"; Brachiopods of the Batorobo Formation (Late Wenlock-Ludlow) from Bator Obo, Damao Qi, Nei Mongol"; "Baterospirifer, a new genus of Late Silurian eospiriferid brachiopod".

Sucic-Protic, Z.- Middle Liassic Zeilleriidae of Yugoslav Carpatho-Balkanids.

Sun Dong-li- (submitted)- "Early Cretaceous brachiopods from the Baingoin and Xainza areas, Northern Tibet". (in press)- "Discovery of Peregrinella (Brachiopoda) of Early Cretaceous in Xizang (Tibet) and its significance".

Surlyk, F.- (submitted)- & M.B. Johansen "End- Cretaceous brachiopod extinctions in the chalk of Denmark; (in prep)- & M.B. Johansen "Brachiopods from the Upper Campanian-Maastrichtian chalk of Norfolk, England; "Brachiopods from the Campanian-Maastrichtian boundary sequence, Kronsnoor (NW Germany)" Geol. Jb. Abt, p.259-277 (1982).

Talent, J.- Analysis of Asian Middle Palaeozoic brachiopod biogeography in relation to plate tectonics; Silurian and Devonian brachiopods from India and Pakistan.

Tazawa, J.- Devonian, Carboniferous and Permian stratigraphy and brachiopods of Northeast Japan; Carboniferous brachiopods of Central Japan. "Early Carboniferous (Visean) brachiopods from the Hikoroichi Formation of the Kitakami Mountains, Northeast Japan"; & Y. Gunji and K. Mori "A visean brachiopod fauna from the Mano Formation, Soma district, Abukuma Mountains, Northeast Japan".

Tchoumatchenco, P.V.- (Ms in prep)- "Lower Jurassic Brachiopodes from the olistolithes included in Cretaceous sediments- taxonomy and mode of occurrence"; "Lower Jurassic Brachiopodes from the Dinarides".

Temple, J.T.- Early Llandovery brachiopods of Wales.

Tesmer, I.H.- Current research is very limited, confined to supervising an occasional graduate student who might be working with Devonian brachiopods of western New York State. Presently I have one such student.

Titova, M.V.- Terebratuloidea, Cancellothyridioidea. (in ms)- & S.V. Lobatscheva "Brachiopoda (Terebratulida) of the Chalk of the USSR". (in press)- & I.A. Favorskaja "Danian Craniida of the Crimea".

Tong Zheng-xiang- I am presently engaging in Brachiopoda research of the Carboniferous to Permian periods in Yanbian County, Sichuan, China. (in press)- "The Carboniferous period Brachiopod assemblage zones in Yanbian County, Sichuan, China"; "Subdivision of the Maoxian group and the Brachiopod fauna of the Jiudingshan mountains of Maowen County, Sichuan, China".

Vai, G.B.- Collecting Frasnian-Famennian brachiopods of the Carnic Alps.

Valentine, J.W.- Project for summer 1983 is studying feeding currents in and around phoronids, the main point of which is to improve the model of the origin of the brachiopods from a vermiform ancestor. Work will be at Friday Harbor (if all goes well). (in press)- & D. Jablonski "Larval adaptations and patterns of brachiopod diversity in space and time" Evolution.

Villas, E.- Since 1982 I have been preparing a paper on "Middle and Upper Ordovician Brachiopods from the Iberian Chains (Northeastern Spain)" which I hope will be finished by the end of the present year. The main chapters in this work deal with taxonomy, biostratigraphy and paleobiogeography. When this is ready I want to go on with Ordovician brachiopods in several other Spanish outcrops. "Las formaciones del Ordovicio medio y superior de las Cadenas Ibericas y su fauna de brachiopodos" Estudios Geologicos (in press)

Vogel, K.K.- Marine Devonian in PR China: pelagic facies, especially its brachiopods (cooperation with Xu Han-kui & Langenstrassen, Walliser & al.); Boring thallophytes (for instance in brachiopods) as a bathymetric indicator (cooperation with St. Golubic). "Arguments against the hypothesis of punctuated equilibria". Palaont. Z. (probably no.57, 1983); "Umwelt und Lebensweise fossiler Tiere- eine Einführung in die Ökologie der Vorzeit". (Environment and life habit of fossil animals- an introduction to the ecology

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of the past). Quelle & Meyer Verlag., Heidelberg (probably 1983).

Voros, A.- (Field work)- Collecting Lower & Middle Jurassic brachiopods in the Bakony (Hungary) and Sicily (Italy). (in press)- "Some new genera of Brachiopoda from the Mediterranean Jurassic", *Annals Hist.-Nat. Mus. Natn. Hung.*, 75; "The Pleinsbachian brachiopods of the Bakony Mts. (Hungary): a stratigraphical study" *Fragm. Min. et Pal.*, 11.

Wallace, P.- Work on Devonian benthic communities, of which brachiopods form a large part- especially population structure & evolution of the structure of the community.

Walmsley, V.G.- I retired from University of Wales in 1 Oct. 1982.

Wang Yu- (in press)- & Rong Jia-yu "Devonian brachiopods of the Yukiang Formation of Central Guangxi"; & Rong Jia-yu and Chen Xiu-qin "Brachiopods of the lower Dale Formation (upper Emsian) of Central Guangxi".

Waterhouse, J.B.- (Ms in prep)- Permian brachiopod faunas from (a) Bowen Basin, Queensland (b) Nepal. (in press)- 3 papers on the Bowen Basin, 1 on Thai Permian fauna, and 3 on Permian faunas from Kurakorum Range.

West, R.R.- Primarily brachiopod palaeoecology with special emphasis on the substrate requirements of brachiopods including lingulids and Carboniferous and Permian taxa. Also brachiopod shells as substrates. Chonetid mode of life (autecology) and population dynamics. Ecology of cemented brachiopods of all ages.

Westbroek, P.- Devonian uncinulidids from China. Macromolecules from fossil and recent brachiopod shells- immunological characterization.

Williams, A.- (ms in prep)- Lower Ordovician brachiopods from the Tourmakeady Limestones, Co. Galway, Eire. (with G.B. Curry; Lower Ordovician brachiopods from the Dunness Limestone Series of Skye, Scotland. (with Curry); Lower Ordovician brachiopods from Spitzbergen. (with Curry & L.R.M. Cocks); Lower Palaeozoic stratigraphy and faunas of the Highland Border Series (with Curry and others). (in press)- & G.B. Curry "Epithelial moulds on the shells of the early Palaeozoic brachiopod *Lingulella*". Lethaia; "Minor Coelomate Phyla: Lophophorates (Chap. 17.1) in "Biology of the Integument" Vol. 1: Invertebrates, Springer-Verlag.

Wilson, M.A.- Morrowan brachiopod communities, Bird Spring Formation, Nevada. Kinderhookian brachiopod/mollusk communities, northern Ohio.

Winkler Prins, C.F.- Permian brachiopods of Timor (no fieldwork); Carboniferous brachiopods from the Cantabrian Mts. (N. Spain), including fieldwork and stratigraphical research. (Ms in prep)- "The stratigraphic and geographic range of the Incisiidae (productid brachiopods)" *Scripta Geologica*. (in press)- & M.L. Martinez Chacón "The brachiopod fauna of the San Emiliano Formation (Cantabrian Mts, NW Spain) and its connection with other areas" *C.R. IX Int. Congr. Carboniferous Strat. Geol.*, Urbana 1979, 3 (Palaeontology); & R.H. Wagner "The lower Stephanian at Barruelo (Prov. Palencia, Spain) and the Stephanian A boundary-stratotype" *Proc. IUGS Subcommittee Carb. Strat. Meeting, Turkey 1978*; "Brachiopods and the main classification of the Carboniferous" *C.R. IX Int. Congr. Carboniferous Strat. Geol.*, Urbana 1979, 2 (Biostratigraphy).

Wright, A.J.- Not directly involved with brachiopod taxonomy at present; mainly concerned with biostratigraphy of Early Dev.

Xian Si-yuan- I am working on the brachiopods from the Yangmaba group (L-M Dev.) in Longmenshan Mount., Sichuan; some new strophomenids and rhynchonellids from Yujiang formation (L Dev.), Guangxi; Lower Devonian brachiopod communities of South China (in cooperation with Hou Hong-fei). (in press)- "*Quizhouspirifer*, a new genus from Lower Carboniferous in Guizhou, China"; "On the characteristics, member, geological range and geographic distributions of the family Rhynchospiriferidae Paulus, 1957"; "*Guixiella*, a new genus of the plicanoplitids".

Xue Guei-yong- I, with other workers, have finished 2 manuscripts- one topic is *Lunoglossa*, a new genus of Inarticulata; the other topic is on brachiopod faunas of Upper Devonian in Maenza Region, Qinghai Province. In the former paper, the genus *Lunoglossa* and its 2 species were described. The samples were from Permian of Puqi, Hubei Province. The second paper established the Meisha fauna which belong to the Famennian and in which 3 new species were described. "Triassic Brachiopoda of South Qilian Mountain" will be published in 1983 in the monograph "Triassic Stratigraphy and Paleontology of South Qilian Mountain". I plan to travel to Daye, Hubei Province, to find Triassic Brachiopoda.

Xu Han-kui- (submitted)- & Rong Jia-yu "Latest Ordovician *Hirnantia* Fauna of Xainza area, N. Xizang (Tibet)"; "Lower Devonian

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brachiopods from Northern Tibet". (in press)- & Liu Di-yong "The late Early Ordovician brachiopods from Southwest China"; (in prep)- & Liu Di-yong "Middle Ordovician brachiopods from Southwest China".

Yan Guo-shun- I am studying the carboniferous palaeogeography of Henan province and middle-upper carboniferous brachiopoda.

Yanagida, J.- Currently working on an Upper Carboniferous new schizophoriid genus from the Akiyaki Limestone Group of Southwest Japan; descriptive works on the Permian and Triassic brachiopods from north-central Thailand will be finished this year concurrently with the preceding work; brachiopods and associated fossils from the Copacabana Group in Peru and Bolivia were collected in 1982 by myself and other colleagues. This study is for the purpose of the detailed comparison of the Lower Permian faunas between Southeast Asia and South America.

Yang De-li- I am working with Devonian brachiopods from South China.

Yin Zan-xun- Restoration of research activity of fossil brachiopods very improbable.

Yudina, Yu.A.- Presently working on Middle Devonian brachiopods from the Urals. & M.N. Noskova "Eifelian brachiopods and ostracodes of the river Alachiag (Arctic Urals)".

Zakowa, H.- Description of Productidina from the Upper Visean, Holy Cross Mts., Poland. (in prep)- "Some new taxa of the genus Semiplanus, Gigantoproductus and Balakhonia from the Upper Visean/Holy Cross Mts., Poland". (in press)- "Brachiopods of the family Semiplanidae Sarytcheva, 1960 from the Upper Visean of Poland".

Zhan Li-pei- Study of Permian-Triassic boundary of South China; study of Permian brachiopods of Xizang (Tibet). (in press)- "Early Permian Brachiopods from Xainza District, Xizang (Tibet)"; "Permian palaeogeographical map of China in "Atlas of the Palaeogeography of China".

Zhang Shou-xin- I am taking up the "theoretical stratigraphy" teaching at the graduate school Academia Sinica and the graduate school Chinese Univ. of Science & Technology, and have prepared a manuscript of "theoretical stratigraphy"- the modern concepts of stratigraphy. (in press) "An English-Chinese Dictionary of Modern Stratigraphy", edited by me, was published by the Science Press in March 1983, Beijing.

Zhu Ci-ying- (field work)- Ordovician brachiopods and stratigraphy in Heilongjiang Province. (ms in prep)- "Ordovician brachiopods from northwestern Xiao Hingan Ling (Mountains), Northeast China"; "Late Ordovician brachiopods from Wulongtun district of Da Hingan Ling (Great Hingan Mountains), Heilongjiang Province".

Zhang Zi-xin- (in press)- & Rong Jia-yu and Di Qiao-ling "Silurian Tuvaella gigantea Assemblage of the Barkol District, Xinjiang"; & Liu Di-yong and Di Qiao-ling "Middle Ordovician Brachiopods from the Kunlun-Altun Mts.".

Zhu Mei-li- Just completed collecting from the Changxin Formation and began research. (in press)- "Some New Genera and species of Orthotetacea from the Late Permian in Southwest China" (He & Zhu).

ADDRESS CHANGES-

Chen Yuan-ren- Geology Dept., Oregon State Univ., Corvallis, Oregon 97331 (until Oct. 1983, then will return to Chengdu, China).

Gaetani, M.- Presently at the Univ. of Messina but will return to Milano in November.

Han Nei-ren- Guilin College of Geology, Guilin, Guangxi, People's Republic of China.

Hancock, N.J.- Chevron Oil Field Research Co., P.O. Box 446, La Habra, Calif. 90631, USA.

Henry, T.W.- Museum of Natural History E-501, Smithsonian Institution, Washington, D.C. 20560, USA.

Jope, M.- 1 Chalfont Road, Oxford, England.

Laurie, J.R.- Bureau of Mineral Resources, P.O. Box 378, Canberra City, A.C.T. 2601, Australia.

Li Luo-zhao- Geological College of East China, Fuzhou, Jiangxi, People's Republic of China.

Michalik, J.- change zipcode from 88625 to 81473.

Mount, J.D.- Camden Library, Rutgers Univ., Camden, N.J. 08102, USA.

Nekvasilova, O.- Ruzinovska 6/1160, 110 00 Praha 4- KrC, Czechoslovakia.

Pevny, J.- change zipcode from 80940 to 81704.

Plodowski, G.- Natur-Museum und Forschungs, Institut Senckenberg, Kuhwaldstrasse 55, 6 Frankfurt am Main 90, West Germany.

Richardson, J.R.- Dept. of Invert. Palaeontology, National Museum of Victoria, 285 Russell St., Melbourne, Vic. 3000, Australia.

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Rowell, A.J.- Dept. of Geology & Museum of Invert. Paleontology, Univ. of Kansas, Lawrence, Kansas 66045. (corrected)
 Schmidt, H.- Natur-Museum und Forschungs, Institut Senckenberg, Kunwaldstrasse 55, 6 Frankfurt am Main 90, West Germany.
 Struve, W.- Natur-Museum und Forschungs, Institut Senckenberg, Kunwaldstrasse 55, 6 Frankfurt am Main 90, West Germany.

THE FOLLOWING NAMES ARE ADDITIONS TO MY 1981 DIRECTORY. PLEASE INFORM ME OF ANY ADDITIONAL NAMES TO THE DIRECTORY.

NAME	ADDRESS	COUNTRY
ALDRIDGE, A.E. Tertiary & Recent	MT. ALBERT RESEARCH CENTRE, D.S.I.R., PRIVATE BAG, AUCKLAND	NEW ZEALAND
AZIZ, S.A. Cretaceous	GEOLOGY & PALAEONTOLOGY DEPT., M.A.C.S. RESEARCH INST., LAW COLLEGE RD., PUNE 411004	INDIA
BENIGNI, C. Jurassic & Recent	ISTITUTO DI PALEONTOLOGIA, VIA MANGIAGALLI 34, 20133 MILANO	ITALY
BLODGETT, R.B. Ordovician-Devonian	GEOLOGY DEPT., OREGON STATE UNIV., CORVALLIS, OREGON 97331	USA
CAMPBELL, K.S.W. Devonian-Permian, Jurassic	GEOLOGY DEPT., AUSTRALIAN NAT. UNIV., BOX 4, CANBERRA A.C.T. 26000	AUSTRALIA
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CAVEY, M.J. Anatomy, functional morphology	BIOLOGY DEPT., UNIV. CALGARY, 2500 UNIV. DR. N.W., CALGARY, ALBERTA T2N 1N4	CANADA
COLLINS, M. Recent	SCOTTISH MAR. BIOL. ASSOC., DUNSTAFNAGE MAR. RES. LAB., OBAN, ARGYLL PA34 4AD, SCOTLAND	UNITED KINGDOM
FISCHER, J.-C. Jurassic	INST. DE PALEONTOLOGIE, MUSEUM NAT. D'HISTOIRE NATURELLE, 8 RUE DE BUFFON, 75005 PARIS	FRANCE
GARIFULLINA, A.A. Devonian	INSTITUT GEOLOGII, UL. KARLA MARKSA 16/2, UFA 450025	USSR
GILMOUR, T.H.J. Recent	BIOLOGY DEPT., UNIV. OF SASKATCHEWAN, SASKATOON, SASKATCHEWAN S7N 0W0	CANADA
GOURVENNEC, R. Silurian-Devonian	LAB. DE PALEONTOLOGIE, UNIV. BRETAGNE OCCID., 6 AVE. GORGEU, 29283 BREST CEDEX	FRANCE
HOVERD, W.A. Anatomy, morphology, electron microscopy	ZOOLOGY DEPT., VICTORIA UNIV. OF WELLINGTON, PRIVATE BAG, WELLINGTON	NEW ZEALAND
INOUE, E. Tertiary-Recent	GEOLOGICAL SURVEY OF JAPAN, 1-1-3 HIGASHI, YATABE, IBARAKI 305	JAPAN
KLOPP, M. Triassic, Jurassic & Recent	LABORATOIRE DE BIOLOGIE, LYCEE MICHEL-RODANGE, 54 RUE GISELBERG	LUXEMBOURG
LEGRAND, PH. Cambrian-Silurian	LAB. EXPLOR., COMPAGNIE FRANCAISE DES PETRILES, 218-228 AVE. DU HAUT-LEVEQUE, 33605 PESSAC	FRANCE
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MARKER, B.R. Jurassic & Cretaceous	40 KINGSDOWN AVENUE, LONDON W13 9PT	UNITED KINGDOM
MINEUR, R.J. Tertiary-Recent	31 SUNBURY CRES., SURREY HILLS, VICTORIA 3127	AUSTRALIA
MORTON, J.G.G. Cretaceous	OIL & GAS DIV., S. AUST. DEPT. MINES & ENERGY, P.O. BOX 151, EASTWOOD S.A. 5063	AUSTRALIA
MOUNT, J.D. Cambrian & Tertiary	CAMDEN LIBRARY, RUTGERS UNIVERSITY, CAMDEN, N.J. 08102	USA
MUNOZ, J. Cretaceous	DEPT. DE PALEONTOLOGIA, FACULTAD DE CIENCIAS, UNIV. DE BARCELONA, BARCELONA	SPAIN
MUSTEIKIS, P. Silurian	DEPT. OF GEOLOGY & MINERALOGY, STATE UNIVERSITY OF VILNIUS, CIURLIONIO 21/27, 232031 VILNIUS	USSR
NAZER, R.E. Mississippian-Carboniferous	CANBERRA GRAMMAR SCHOOL, RED HILL A.C.T. 2603	AUSTRALIA
OLIVERI, O.	ISTITUTO DI GEOLOGIA DELL'UNIVERSITA, PALAZZO DELLE SCIENZE, 95129 CATANIA	ITALY

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Tertiary & Recent	CHAIR OF HISTOLOGY & CYTOLOGY, BIOLOGICAL FACULTY, LENINGRAD STATE UNIV., LENINGRAD 199164	USSR
PUNIN, M.YU.		
Recent		
RADWANSKI, A.	INSTITUTE OF GEOLOGY, UNIV. WARSAW, AL. ZWIRKI I WIGURY 93, 02-089 WARSAW	POLAND
Devonian, Jurassic & Tertiary		
ROSENBERG, G.D.	GEOLOGY DEPT., INDIANA/PURDUE UNIV., INDIANAPOLIS, INDIANA 46202	USA
Ordovician, Silurian, Recent		
RUGGIERO, E.T.	ISTITUTO DI PALEONTOLOGIA, LARGO S. MARCELLINO 10, 80138 NAPLES	ITALY
Triassic-Jurassic, Tertiary-Recent		
SAYAR, C.	ENGINEERING GEOL. DIV., MINING FAC. TECH., UNIV. OF ISTANBUL, ISTANBUL	TURKEY
Cambrian-Devonian, Carboniferous-Triassic		
SHIMIZU, D.	DEPT. OF GEOLOGY & MINERALOGY, FACULTY OF SCIENCE, KYOTO UNIVERSITY, KYOTO 605	JAPAN
Permian & Triassic		
SHUMWAY, S.E.	NAT. SCIENCE, LONG ISLAND UNIV., SOUTHAMPTON COLLEGE, SOUTHAMPTON, N.Y. 11968	USA
Recent		
SINGH, T.	WADIA INST. OF HIMALAYAN GEOLOGY, 33 GENERAL MAHADEV SINGH RD., BALLUPUR, DEHRADUN 248001	INDIA
Carboniferous-Permian		
STEWART, I.R.	ZOOLOGY DEPT., MONASH UNIV., CLAYTON, VICTORIA 3168	AUSTRALIA
Tertiary-Recent		
WALLEY, C.D.	GEOLOGY DEPT., AMERICAN UNIV. OF BEIRUT, BEIRUT	LEBANON
Jurassic		
WATSON, J.S.	DEPT. OF EARTH SCIENCES, THE OPEN UNIVERSITY, MILTON KEYNES MK7 6AA	UNITED KINGDOM
Jurassic		
WILSON, M.A.	GEOLOGY DEPT., WOOSTER COLLEGE, WOOSTER, OHIO 44691	USA
Carboniferous		

PALEONTOLOGICAL MEETINGS & FIELD TRIPS-

1983-

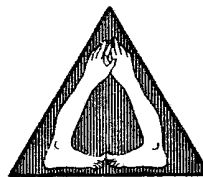
April Meeting of Palaeontological Society (USSR)
 May 2-3 Reunion Societe Geologique de France- Association Paleontologique Francaise, Dijon (La notion de genre en paleontologie)
 July 18-23 Congres international Paleoeologie, Lyon
 summer 1983- "Field trips to the South Urals (Devonian commission of the Inter-departmental Stratigraphic Committee)"--Y.A. Yudina.
 Sept.11-21 European Micropaleontological Congress, Bratislava & Prague.
 Sept.12-17 International Congress of Carboniferous Stratigraphy & Geology, Madrid, Spain.
 mid Sept. Symposium in Hangzhou, China organized by the brachiopod group of the Paleont. Soc. of China.
 Oct. 1983- Symposium on Carboniferous Stratigraphy, Guiyang, Guizhou Province, China (after the meeting, there will be a field trip to view sections related to the Carboniferous period).
 Oct.2-6 Society of Economic Paleontologists & Mineralogists annual research meeting, Sedalia, Colorado.
 Oct.18-21 Cretaceous stage boundaries, symposium, Copenhagen, Denmark.
 Oct.31-Nov.3 Geological Society of America annual meeting, Indianapolis, Indiana.
 Dec.5-6 Australasian Palaeontological Meeting, National Museum of Victoria, Melbourne, Australia, with field excursions to Ord-Dev & Tertiary- contact P.A. Jell.

1984-

Jan.-Feb. All Union Paleontological Society of the USSR meeting.
 June 10-15 All-State Paleontological Conference in the eastern Tabras in Slovakia (Milava) about paleontological problems from the Triassic to Oligocene.
 Aug.4-14 27th International Geological Congress, Moscow.
 Aug.10-12 Conference on extinction at Northern Arizona University.
 Sept.24-26 Annual meeting of Palaeontologische Gesellschaft and Deutsche Geologische Gesellschaft, Hamburg- Earth history of North Sea and Baltic Sea regions (as the main topic)- excursions to Cretaceous & Tertiary in North Germany & Denmark.
 ? Conference on Mesozoic brachiopods in Kharkov, USSR.
 ? Seventh Paleontological Meeting in the Tatra Mountains, Poland (Triassic)
 ? P.E. Isaacson may organize a field trip through central Idaho, covering Early and Late Paleozoic depositional environments, tectonic setting, and paleontology.
 ? Second All-China Brachiopodologist Congress.

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"ARMFOOT"
"Armfoot" Newsletter #2

July 1, 1984

"THIS YEAR I SENT OUT 437 QUESTIONNAIRES AND 122 RESPONDED OR 28%, COMPARED TO LAST YEAR'S 45%. I HOPE THIS DOESN'T INDICATE ANY FUTURE TRENDS! I WOULD LIKE TO THANK THOSE WORKERS WHO DID RESPOND BECAUSE WITHOUT YOUR INPUT, THERE WOULD BE NO NEWSLETTER. ALSO, THANKS TO ALL THE BRACHIOPODOLOGISTS WHO HAVE SENT ME REPRINTS OF THEIR PAPERS- KEEP THEM COMING!"- R. DOESCHER.

CURRENT RESEARCH, INCLUDING MANUSCRIPTS IN PREPARATION AND IN PRESS-

AGER, D.V.- CONTINUING RESEARCH ON MESOZOIC BRACHIOPODS WORLD-WIDE. SUPPORT JUST RECEIVED FOR A 3 YEAR GRADUATE STUDENT ON BRITISH BAJOICIAN BRACHIOPODS. ANOTHER GRADUATE STUDENT JUST FINISHING PH.D THESIS ON THE PYGOPIDAE (MESOZOIC TEREBRATULIDS). (PUBLISHED)- & M. MINATO "A NEW TRIASSIC BRACHIOPOD FAUNA FROM HOKKAIDO, JAPAN" JOUR. FAC. SCI. HOKKAIDO UNIV., 20:261-273 (1983); "ALLOPATRIC SPECIATION- AN EXAMPLE FROM THE MESOZOIC BRACHIOPODA" PALAEONTOLOGY, 26:553-563 (1983). (IN PRESS)- "THEORY AND FACT IN MESOZOIC BRACHIOPOD EVOLUTION" PALAEONTOLOGY.

ALDRIDGE, A.E.- "I'M NOT WORKING ON BRACHS AT PRESENT. HORTICULTURE QUALITY CONTROL HAS PRIORITY FOR THE NEXT THREE MONTHS. LATER THIS YEAR I HOPE TO WORK WITH J.R. RICHARDSON ON NEOTHYRIS EVOLUTION. MY MAIN INTEREST IS THE VARIABLE SHAPE OF BRACHS. EVENTUALLY, I HOPE TO FIND SHAPE PARAMETERS THAT WILL ALLOW ME TO SIMULATE BRACHIOPOD SHELL GROWTH."

ALVAREZ, F.- ECOLOGY, BIOMETRY AND SHELL STRUCTURE OF BRACHIOPODS. (IN PRESS)- "ESTRUCTURA DE LA CONCHA DE LOS ATHYRIDIDAE (BRACHIOPODA) DEL DEVONICO DE LA CORDILLERA CANTABRICA. NOTA PRELIMINAR."; "CAMBIO TEMPORAL Y VARIABILIDAD MORFOLOGICA DE ALGUNOS BRAQUIOPODOS DEVONICOS DE LA CORDILLERA CANTABRICA (NO DE ESPANA) PERTENECIENTES AL GENERO ANATHYRIS."

AMSDEN, T.W.- LATE ORDOVICIAN (HIRNANTIAN) KEEL-EDGEWOOD STRATA OF THE MIDCONTINENT AREA, U.S.A. THIS HAS BEEN CHANGED TO A TWO PART STUDY BY T.W. AMSDEN & J.E. BARRICK. (1) A STUDY BY BARRICK OF THE CONODONT FAUNAS INCLUDING COMPARISONS WITH OTHER NORTH AMERICAN FAUNAS. (2) A PALEOENVIRONMENTAL STUDY OF THESE STRATA BY AMSDEN, INCLUDING A DISCUSSION OF THE KEEL-EDGEWOOD RELATIONSHIP WITH HIRNANTIAN STRATA AND FAUNAS OF EUROPE, RUSSIA AND CHINA. WE PLAN TO GET A COMPLETED MANUSCRIPT TO THE OKLAHOMA GEOLOGICAL SURVEY EDITOR WITHIN A MONTH OR SO. (IN PREP.)- ANNOTATED CORRELATION CHART AND BRACHIOPOD RANGE CHART FOR LATE ORDOVICIAN, SILURIAN AND EARLY DEVONIAN STRATA IN THE REGION EXTENDING FROM THE TEXAS PANHANDLE TO THE MISSISSIPPI RIVER. I HOPE TO HAVE A MS READY FOR REVIEW BY THE END OF 1984. (IN PRESS)- "BRACHIOPODS FROM THE EARLY DEVONIAN TURKEY CREEK LIMESTONE OF SOUTHERN OKLAHOMA." OKLAHOMA GEOLOGICAL SURVEY.

ARCHBOLD, N.W.- CONTINUED TAXONOMIC AND BIOSTRATIGRAPHICAL STUDIES ON WESTERN AUSTRALIAN PERMIAN BRACHIOPODS AND IRIAN JAYAN (INDONESIA) PERMIAN BRACHIOPODS. MANUSCRIPTS ARE BEING PREPARED ON PRODUCTID AND SPIRIFERID GROUPS FROM WESTERN AUSTRALIA AND SEVERAL SMALL FAUNAS FROM IRIAN JAYA. (IN PRESS)- "STUDIES ON WESTERN AUSTRALIAN PERMIAN BRACHIOPODA. 4. THE FAMILIES PRODUCTELLIDAE SCHUCHERT & LEVENE 1929 AND THE OVERTONIIDAE MUIR-WOOD & COOPER 1960." PROC. ROY. SOC. VICT.; & G.A. THOMAS "PERMIAN ELYTHIDAE (BRACHIOPODA) FROM WESTERN AUSTRALIA." ALCHERINGA; & G.A. THOMAS "PERMIAN SPIRIFERELLINAE (BRACHIOPODA) FROM WESTERN AUSTRALIA." ALCHERINGA.

BALINSKI, A.- CONTINUING STUDY ON FAMENNIAN BRACHIOPODS FROM DEBNIK ANTICLINE, SOUTHERN POLAND. DISTRIBUTION AND STRATIGRAPHIC IMPORTANCE OF THE GENUS BIERNATELLA (CONTINUED FIELD WORK AND PREPARATION OF SPECIMENS). COLOR SHELL PATTERN IN THE UPPER DEVONIAN RHYNCHONELLID BRACHIOPOD (MS IN PREPARATION).

BASSETT, M.G.- ARENIG (LOWER ORDOVICIAN) BRACHIOPODS FROM SOUTH WALES. SILURIAN ACROTRETACEA FROM THE ANGLO-BALTIC (BRITAIN, NORWAY, SWEDEN). MIDDLE CAMBRIAN BRACHIOPODS OF BORNHOLM, DENMARK. ORDOVICIAN-SILURIAN BRACHIOPODS OF VARIOUS PARTS OF SWEDEN. ORTHAMBONITES- WITH V. JAANUSSON. BRITISH WENLOCK BRACHIOPODS. (IN PRESS)- & O.I. NIKIFOROVA AND T.L. MODZALEVSKAYA "REVIEW OF THE UPPER SILURIAN AND LOWER DEVONIAN BRACHIOPODS OF PODOLIA." "A REVISION/REVIEW OF KOZLOWSKI'S CLASSIC 1929 MONOGRAPH- FOR WHICH ALL THE COLLECTIONS WERE DESTROYED IN WORLD WAR II." PALAEONTOLOGY.

BERGSTROEM, J.- HAVE HAD NO TIME RECENTLY, BUT PLAN TO DESCRIBE THE BORENSHULT FAUNA (UPPERMOST ORDOVICIAN).

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BEUS, S.S.- PALEONTOLOGY OF A NEW LATE MISSISSIPPIAN ROCK UNIT IN WESTERN GRAND CANYON- INCLUDES A NUMBER OF BRACHIOPODS- MAINLY COMPOSITA AND PRODUCTIDS.

BIERNAT, G.- CONTINUING STUDIES ON THE PALAEOZOIC INARTICULATE BRACHIOPODS. JOINT PAPER WITH G. RACKI ON THE FAMENNIAN SULCATE RHYNCHONELLIDS, HOLY CROSS MOUNTAINS, POLAND (MS IN PREPARATION). (IN PRESS)- & E. POPIEL-BARCZYKOWA AND K. BIRKENMAJER "TERTIARY BRACHIOPODS FROM KING GEORGE ISLAND, ANTARCTICA."; "SILURIAN INARTICULATE BRACHIOPODS FROM POLAND."; "COLOUR PATTERN IN THE MIDDLE DEVONIAN RHYNCHONELLIDS (BRACHIOPODA)."

BOUCOT, A.J.- MISCELLANEOUS SILURIAN-DEVONIAN BRACHIOPODS, PLUS BIOGEOGRAPHY OF SAME AND COMMUNITY PALEOECOLOGY. REVIEWING THE CONTENTS OF THE ST. HELEN'S ISLAND DEVONIAN BRECCIA MATERIALS FROM MONTREAL (LOWER AND MIDDLE DEVONIAN BRACHIOPODS MOSTLY). (IN PRESS)- "SOME LOWER DEVONIAN BRACHIOPODS FROM ARABIA." JOURNAL OF PALEONTOLOGY; & KEN CASTER- "SCAPHIOCOELIA FROM BRAZIL." JOURNAL OF PALEONTOLOGY; & JEAN BERDAN- "ECCENTRICOSTA FROM ALABAMA."

BRUNTON, C.H.C.- PALAEOECOLOGY OF BRACHIOPOD AND NON-BRACHIOPOD FAUNAS FROM CO. FERMANAGH, IRELAND. WORK ON "REEF" FACIES BRACHIOPODS FROM NORTH YORKSHIRE, WITH D.J.C. MUNDY. (IN PRESS)- "SILICIFIED BRACHIOPODS FROM THE VISEAN OF COUNTY FERMANAGH, IRELAND (III)." BULL. BR. MUS. NAT. HIST. (GEOL), 38. TWO PAPERS FOR THE 9TH INT. CONGRESS CARBON. STRAT. GEOL. IN 1979- WITH MUNDY- "MORPHOLOGICAL SIMILARITIES IN SOME BRITISH DINANTIAN AND TEXAS PERMIAN REEF BRACHIOPODS" & "THE USE OF BRACHIOPODS IN CARBONIFEROUS STRAT.." "CARBONIFEROUS BRACHIOPOD DISTRIBUTIONS" 10TH INT. CARBONIF. CONGRESS, 1983. "GROWTH AND SHELL SHAPE IN PRODUCTACEAN BRACHIOPODS." BULL. BR. MUS. NAT. HIST.

BUTLER, D.E.- STUDY OF A CHONETACEAN FROM THE LITTLE QUANTOCK BEDS OF SOMERSET, ENGLAND- PRESUMED DEVONIAN. RESULTS MAY BE INCLUDED AS A NOTE IN A PAPER (WITH K.M. EVANS) ON THE BIVALVES AND BRACHIOPODS OF THE LYNTON BEDS, IN PREPARATION.

CALZADA BADIA, S.- (IN PREP.)- "PRESENCE OF TWO OXFORDIAN BRAQUIPODS IN SPAIN"; "TEREBRATULA" DAVIDSONI (LIAS FROM MALLORCA): A REVISION." PERHAPS- "SOME LOWER LIAS BRACHIOPODS FROM PYRENEAN MOUNTAINS"; "SOME BRACHIOPODS FROM LA QUEROLA" (CRETACEOUS); "PRECISIONS ABOUT MIOPLIOCENE BRACHIOPODS FROM SOUTH SPAIN." (IN PRESS)- "ORTHOLINA N. GEN. (CANCELLOTHYRIDACEA). MAASTRICHTIAN. PYRENEAN RIDGE" ACTA GEOL. HISP. BARCELONA; "DOS BRAQUIPODOS HAUTERIVIENSES DE S. MATEO. (CASTELLON)" BOL. R. SOC. ESPANOLA HIST. NAT., MADRID; (IN REDACTION OF THE REVIEW)- "BRAQUIPODOS HAUTERIVIENSES DE FORTUNA (MURCIA)" BOLL. ASSOC. PALEONT. ITALIANA.

CAMPBELL, K.S.W.- THE INTERPRETATION OF LEPTAENA.

CARLS, P.- GEDINNIAN PLATYORTHIS SUCCESSION IN CELTIBERIA (SPAIN), BIOSTRATIGRAPHY BASED ON BIOMETRICS. GEDINNIAN HOWELLELLA, EARLIEST HYSTEROLITES, EARLY SIEGENIAN VANDERCAMMENINA OF CELTIBERIA. PROPOSAL FOR REDEFINITION OF TRADITIONAL RHENISH LOWER DEVONIAN STAGES GEDINNIAN & SIEGENIAN. (IN PRESS)- "HOWELLELLA (HYSTEROHOWELLELLA) KNETSCHI N.SG. N.SP. (BRACHIOPODA, SPIRIFERACEA) AUS DEM TIEFEN UNTER-GEDINNIIUM KELITIBERIENS" SENCKENBERGIANA LETHAEA, 20P., 2 PLS.

CARTER, J.L.- DESCRIPTION OF THE HORTON CREEK BRACHIOPOD FAUNA (EARLIEST MISSISSIPPIAN IN THE MISSISSIPPI VALLEY REGION); DETERMINATION OF THE KEOKUK-WARSABO BOUNDARY IN THE SOUTHEAST IOWA-WESTCENTRAL ILLINOIS AREA BY MEASUREMENT OF BRACHIOPODS; DISTRIBUTION, AGE, AND CORRELATION OF THE SHORT CREEK OOLITE (WITH PAUL BRECKLE). (IN PREP.)- "PUNCTOTHYRIS IS NOT ENDOPUNCTATE." (IN PRESS)- "LOWER CARBONIFEROUS BRACHIOPODS OF THE BANFF FORMATION OF WESTERN ALBERTA" GSC BULLETIN (TO BE PUBLISHED WITHIN MY LIFETIME I HOPE!).

COCKS, L.R.M.- DEVONIAN BRACHIOPODS FROM PEBBLES IN THE TRIAS BUDLEIGH SALTERTON, DEVONSHIRE. JUST STARTING A NEW PROJECT ON THE UPPER LLANDOVERY BRUFLAT FORMATION OF OSLO, NORWAY (JOINTLY WITH DAVID WORSLEY), WITH PARTICULAR EMPHASIS ON THE BRACHIOPODS. COLLATION OF REPORTS ON THE ORDOVICIAN-SILURIAN BOUNDARY. (IN PRESS)- BRACHIOPOD CHAPTER IN "ATLAS OF MACROINVERTEBRATE FOSSILS" FOR PALAEOONTOLOGICAL ASSOCIATION. REVISION OF BIOSTRATIGRAPHY (INCLUDING BRACHIOPODS) OF THE TYPE LLANDOVERY AREA, WALES- BULLETIN OF THE BMNH.

COLLINS, M.- CARBONATE PRODUCTION IN A MODIOLUS/TEREBRATULINA COMMUNITY AND THE RELATIVE DURABILITY OF THE SKELETAL CARBONATE FROM THE MAJOR CARBONATE PRODUCERS (FIELD STUDIES AND LABORATORY EXPERIMENTS). FIELD TRIPS TO SHELF SITES ON THE WEST COAST OF SCOTLAND (POSTGRADUATE STUDY).

COOPER, G.A.- BRACHIOPODS OF THE JURASSIC OF SAUDI ARABIA. TERTIARY BRACHIOPODS OF EAST COAST OF U.S.

CURRY, G.B.- GENETICS, ECOLOGY, DISTRIBUTION, POPULATION STRUCTURE, AND SHELL ULTRASTRUCTURE OF LIVING BRACHIOPODS. ORDOVICIAN FAUNAS, STRATIGRAPHY, BRACHIOPOD PALAEOECOLOGY. (IN PREP.)- & L.R.M. COCKS AND A. WILLIAMS "ORDOVICIAN BRACHIOPODS FROM SPITZBERGEN." (IN PRESS)- "BRACHIOPOD GROWTH AND CLIMATE" IN "FOSSILS & CLIMATE" (ED. P. BRECKLEY, WILEY 1984); "GROWTH VARIABIL-

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ITY IN TERTIARY BRACHIOPODS FROM ANTARCTICA: THE SIGNIFICANCE FOR PALAEOENVIRONMENT RECONSTRUCTION." PROC. 1ST INTERNATIONAL PALAEOECOLOGY CONFERENCE, LYON (PUBL. SPRING 1984); "LOWER ORDOVICIAN (ARENIG) BRACHIOPODA FROM THE TOURMAKEADY LIMESTONE, CO. MAYO, EIRE." BULL. BR. MUS. (NAT. HIST.), 38(4) (WITH A. WILLIAMS); "HIGHLAND BORDER BRACHIOPODA." TRANS. ROYAL SOC. EDINBURGH (1984) (WITH A. WILLIAMS); AND OTHER SHORT PAPERS ON "AGE, EVOLUTION AND TECTONIC HISTORY OF HBC" IN SAME VOLUME; "LOWER ORDOVICIAN (ARENIG) BRACHIOPODA FROM THE BEN SUARDAL LIMESTONE (DURNES GROUP) ISLE OF SKYE." TRANS. ROY. SOC. EDINBURGH (WITH A. WILLIAMS).

DAWSON, E.W.- (IN PREP.)- MEMOIR ON NEW ZEALAND RECENT BRACHIOPODA JOINTLY WITH DR. DAPHNE LEE. CHECKLIST OF NEW ZEALAND TERTIARY BRACHIOPODA (COMPANION TO PREVIOUSLY PUBLISHED RECENT LIST). (IN PRESS)- "NEW RECORDS OF DALLINA AND TEREBRATULINA IN NEW ZEALAND WATERS."

DI QIAO-LING- OCCURRENCE OF MIDDLE JURASSIC BRACHIOPODA FROM THE KUNLUN MOUNTAINS.

DICKINS, J.M.- PERMIAN FAUNAS OF SYDNEY AND BOWEN BASINS, EASTERN AUSTRALIA. (IN PREP)- "YOUNGEST MARINE MACROFOSSIL FAUNA FROM BOWEN AND SYDNEY BASINS, EASTERN AUSTRALIA"- PELECYPODS, GASTROPODS AND BRACHIOPODS.

DOESCHER, R.A.- I WILL SOON BEGIN THE COMPUTERIZATION OF OUR BIBLIOGRAPHIC FILES COMPRISING OVER 21,000 REFERENCES TO BRACHIOPODS FROM THE 18TH CENTURY TO THE PRESENT. THE FOLLOWING INFORMATION IS BEING ABSTRACTED FROM OUR 3X5 CARDS SO THAT BRACHIOPODOLOGISTS CAN ACCESS OUR DATABASE FOR SPECIFIC PAPERS WHICH RELATE TO THEIR FIELDS OF INTEREST- AUTHOR; TITLE; DATE OF PUBLICATION; JOURNAL OR BOOK; GEOGRAPHIC AREA (COUNTRY); PERIOD OF GEOLOGIC TIME; SUPERFAMILY CLASSIFICATION; TAXON (BY GENERA IF TIME PERMITS)

DROT, J.- MY RESEARCH IS ALWAYS THE DEVONIAN BRACHIOPODS FROM SOUTHERN MORROCO AND WESTERN SAHARA. I WILL PARTICIPATE IN THE FIELD EXCURSION C 097 AFTER THE MOSCOW I.G.C. WITH THE SUBCOMMISSION ON DEVONIAN STRATIGRAPHY. (IN PRESS)- & D. BRICE, A. CHARRIERE AND S. REGNAULT "MISE EN EVIDENCE PAR DES FAUNES DE BRACHIOPODES DE FORMATIONS DEVONIENNES DANS LA BOUTONNIERE D'IMMOUZER DU KANDAR (S DE FES, MAROC)."

EMIG, C.- STUDY OF LINGULIDS FROM NEW CALEDONIA (SPECIES DESCRIPTION; BIOTYPES; ECOLOGY; EXPERIMENTAL STUDIES). STUDY OF SOME GENERA IN THE MEDITERRANEAN (CNRS-GRANT RCP 728). SEVERAL PAPERS IN PREPARATION ON BOTH POINTS. (IN PRESS)- "SUR LES RELATIONS DU PANCHRONISME AVEC LES CONDITIONS ECOLOGIQUES: LE CAS DES LINGULES" BULL. SOC. ZOOL. FR. 108(4)- 1983.; "ON THE ORIGIN OF THE LOPHOPHORATES" Z. ZOOL. SYST. EVOLUT-FORSH.; (1984) "PHYLUM BRACHIOPODA." IN REEF & SHORE FAUNA OF HAWAII (EDITORS DEVANEY & ELDREDGE) SECT. 2 BISHOP MUS. SPEC. PUBL. 64(2/3).; "BRACHIOPODA." IN MARINE FAUNA & FLORA OF BERMUDA (EDITOR STERRER) WILEY INTERSCI. PUBL.; "POURQUOI LES LINGULES ONT SURVECU A LA TRANSITION SECONDAIRE-TERTIAIRE."

EVANS, K.M.- EARLY LLANDOVERY BRACHS OF WALES (WITH J.T. TEMPLE). (IN PREP.)- FAUNA OF THE LYNTON BEDS (EMSIAN) OF N. DEVON, ENGLAND (WITH D.E. BUTLER). FAUNA OF LOWER DEVONIAN OF TORQUAY AREA, DEVON, ENGLAND.

FAGERSTROM, J.A.- CURRENT RESEARCH MOSTLY ON NON-BRACH TAXA- STROMATOPOROIDS, CORALS. (IN PRESS)- ONE PAPER ON N. AMERICAN PARASPIRIFER SPP.

FELDMAN, H.R.- JURASSIC BRACHIOPODS OF THE SINAI: SYSTEMATICS, BIOGEOGRAPHY, & PALEOECOLOGY. ONONDAGA BRACHIOPODS IN WESTERN NEW YORK. (IN PRESS)- "BRACHIOPODS OF THE ONONDAGA LIMESTONE IN CENTRAL AND SOUTHEASTERN NEW YORK."

FENG RU-LIN- I SHALL CONTINUE MY DESCRIPTIVE WORK ON BRACHIOPODS OF THE "LATE CARBONIFEROUS BRACHIOPODS FROM ZIYUN DISTRICT OF SOUTH-WESTERN GUIZHOU." I HAVE COMPLETED 21 PLATES OF BRACHIOPODS IN THIS PAPER. I ANTICIPATE GIVING THIS MANUSCRIPT TO THE GSP EDITOR IN OCT. 1984.

FERNANDEZ-OVIES, C.L.- I AM WORKING ON TWO PROJECTS: (1) THE LIVING BRACHIOPODS FROM THE COAST OF ASTURIAS (N. SPAIN); (2) THE EPIFAUNA OF SOME DEVONIAN BRACHIOPODS. (BOTH IN COLLABORATION WITH F. ALVAREZ).

FOSTER, M.W.- RECENT SOUTHERN HEMISPHERE BRACHIOPODS; RECENT FRENCH BRACHIOPODS FROM THE ATLANTIC; PENNSYLVANIAN BRACHIOPODS IN CENTRAL ILLINOIS. (IN PRESS)- HAVE PREPARED AN ARTICLE ENTITLED "IN PURSUIT OF THE ICY BRACHIOPOD" WHICH IS BEING RUN IN INSTALLMENTS IN THE MAPS DIGEST (OFFICIAL PUBLICATION OF THE MID-AMERICA PALEONTOLOGY SOCIETY) (DEC. 1983 TO PRESENT) AND IN FOSSILETTER (OF THE GENESEE VALLEY FOSSIL SECTION, ROCHESTER ACADEMY OF SCIENCE) (APRIL 1984 TO PRESENT).

FUERSICH, F.T.- (IN PRESS)- & PALMER, T.J. "SIGNIFICANCE OF COMMISSURAL ASYMMETRY IN BRACHIOPODS." LETHAIA, 17(4).

GRANT, P.E.- PLANNING A 2 WEEK FIELD TRIP TO TEXAS IN MAY TO INVESTIGATE STRATIGRAPHY OF THE WORD FORMATION IN THE GLASS MOUNTAINS.

PRE-CONGRESS FIELD TRIPS. HAVE COMPLETED MS ON STRATIGRAPHY OF PERMIAN ON HYDRA ISLAND, GREECE. CURRENTLY WORKING ON DESCRIPTIONS OF BRACHIOPODS FROM THERE AND KHIOS ISLAND. (IN PRESS)- "BRACHIOPODS OF ENEWETAK ATOLL, MARSHALL ISLANDS" (CHAPTER IN BOOK ON MARINE FAUNA OF ENEWETAK BY BISHOP MUSEUM, HONOLULU); "BRACHIOPODS" (WITH A.J. ROWELL: CHAPTER IN TEXT-BOOK EDITED BY BOARDMAN, CHEETHAM AND ROWELL ON INVERTEBRATE PALEONTOLOGY).

GRATSIAKOVA, R.T.- (IN PRESS)- "K PALEOGEOGRAFII YUGA ZAPADNO-SIBIRSKOI PLITY V SREDNEM PALEOZOIE (PO DANNYM IZUCHENIYA BRACHIOPOD)." - V KNIGE: "GEOLOGIYA NEFTI- I UGLENOSNYKH OBLASTEI SIBIRI." NOVOSIBIRSK, NAUKA, 1985; "ZAVISIMOST' STRATIGRAFICHESKOGO ZNACHENIYA BRACHIOPOD OT NAPRAVLENIYA MIGRATSII." V KNIGE: "SREDA I ZHIZN' V GEOLOGICHESKOM PROSHLOM. PALEO-BIOGEOGRAFIYA I PALEOEkOLOGIYA." NOVOSIBIRSK, NAUKA, 1985. (PALEONTOLOGY OF THE SOUTHERN WEST SIBERIAN PLATFORM IN THE MIDDLE PALEOZOIC (ACCORDING TO DATA FROM BRACHIOPOD STUDY). IN THE BOOK "GEOLOGY OF THE OIL AND COAL-BEARING REGIONS OF SIBERIA." NOVOSIBIRSK. SCIENCE NAUKA, 1985; (THE RELATION OF THE STRATIGRAPHIC IMPORTANCE OF BRACHIOPODS TO THE DIRECTION OF MIGRATION.) IN THE BOOK "ENVIRONMENT AND LIFE IN THE GEOLOGIC PAST. PALEOBIOGEOGRAPHY AND PALEOECOLOGY." NOVOSIBIRSK, NAUKA. 1985.

GU FENG- CONTINUING RESEARCH ON PERMIAN BRACHIOPODS FROM CENTRAL DISTRICT OF THE NEI MONGOL AUTONOMOUS REGION. FIELD WORK IN JILIN PROVINCE AND THE NEI MONGOL AUTONOMOUS REGION OF CHINA. (IN PREP.)- & LI LI "BRACHIOPODS FROM THE EARLY AGE OF LOWER PERMIAN STRATA OF SHAMIANJING AREA OF THE NEI MONGOL AUTONOMOUS REGION." (IN PRESS)- & LI LI AND LI WEN-GUO "SPIRIFERELLA AND SPIRIFERELLOIDES FROM THE LOWER PERMIAN STRATA OF XI UJIMQIN QI REGION, INNER MONGOLIA."

GUPTA, V.J.- (PUBLISHED)- "AUSTRIELLULA ANGULIFRONS (BITTNER, 1890) FROM THE UPPER CARNIAN LIMESTONE OF SPITI, HIMALAYA, INDIA" MEM. IND. GEOL. ASSOC., 1:29-30 (1984); & WATERHOUSE "PERMIAN BRACHIOPOD AND BIVALVE ZONES IN THE HIMALAYA OF INDIA AND NEPAL" CONTR. HIM. GEOL., 2:125-129 (1983); & WATERHOUSE "A FAUNULE FROM THE LAMNIMARGUS HIMALAYENSIS ZONE IN THE UPPER SHYOK VALLEY, SOUTHERN KARAKORUM RANGE" CONTR. HIM. GEOL., 2:234-245 (1983); & WATERHOUSE "AN EARLY DJULFIAN (PERMIAN) BRACHIOPOD FAUNULE FROM SHYOK VALLEY, KARAKORUM RANGE, AND THE IMPLICATIONS FOR DATE OF ALLIED FAUNAS FROM IRAN AND PAKISTAN" CONTR. HIM. GEOL., 2:188-233 (1983); (IN PRESS)- "HALORELLA STOLICZKAII SUESS, 1894 FROM LADAKH, INDIA" BULL. IND. GEOL. IND., 17(1) (1984).

HAMMOND, L.- GENETIC STRUCTURE OF LINGULA POPULATIONS FROM THE INDO-WEST PACIFIC REGION (HAWAII, NEW CALEDONIA, AUSTRALIA, JAPAN). REVISION OF EXTANT SPECIES OF GENUS LINGULA, AND OF FAMILY DISCINIDAE. HETEROCHRONY IN THE EVOLUTION OF INARTICULATE BRACHS.

HAN NEI-REN- WE ARE GOING TO YUSHAN, JIANGXI PROVINCE TO COLLECT ORDOVICIAN BRACHIOPODS IN JULY. (IN PRESS)- "DANGCHANGSPIRIFER, NEW GENUS OF BRACHIOPODA FROM EARLY CARBONIFEROUS IN GANSU."

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HOVERD, W.A.- CONTINUING RESEARCH WORK ON TEM, SEM OF LOPHOPHORE OF NOTOSARIA NIGRICANS, AND LOOKING AT TEREBRATELLA SANGUINEA AS A COMPARISON. FIELD WORK INCLUDES SCUBA OBSERVATIONS OF BOTH LIVING SPECIES IN MARLBOROUGH SOUNDS AND WELLINGTON HARBOUR RESPECTIVELY. (IN PRESS)- "HISTOLOGICAL AND ULTRASTRUCTURAL OBSERVATIONS OF THE LOPHOPHORE AND LARVAE OF THE BRACHIOPOD NOTOSARIA NIGRICANS (SOWERBY, 1846)" JOURNAL OF NATURAL HISTORY, LONDON, ENGLAND.

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LABARBERA, M.- MAY (1984) DIVE IN R/O PICES ON CRANIA CALIFORNICA BEDS OFF VANCOUVER ISLAND. (IN PREP.)- "LOPHOPHORE SCALING IN PLECTOLOPHES AND SPIROLOPHES: FUNCTIONAL AND EVOLUTIONARY IMPLICATIONS"; "DISCINISCA STRIGATA: A SUPERIOR SPATIAL COMPETITOR"; "WATER FLOW PATTERNS AROUND AND THROUGH HEMITHYRIS PSITTACEA, A SPIROLOPHOUS ARTICULATE BRACHIOPOD"; "A EXPERIMENTAL TEST OF THE ROLE OF BRACHIOPOD PUNCTAE IN INHIBITING SHELL FOULING."

LANGENHEIM, R.L.- SUPERVISING THESES ON LATE ATOKAN BRACHIOPODA AT ARROW CANYON, CLARK COUNTY, NEVADA; BRACHIOPODA OF ZONE 21, SAME LOCALITY; BRACHIOPODA OF ZONE 20 OR MORROWAN SENSU STRUCTU, SAME LOCALITY AND AN UNDERGRADUATE THESIS ON OCCURRENCES OF SPIRIFERINELLA IN THE LATEST CHESTERIAN, SAME LOCALITY. PREPARING MANUSCRIPT, WITH PATRICK MILLS, ON WOLFCAMPAN BRACHIOPODA FROM THE LAS VEGAS RANGE, CLARK COUNTY, NEVADA-- SEE ABSTRACT IN PROGRAM OF 1983 G.S.A. MEETINGS. HAVE A THESIS IN HAND ON MISSOURIAN AND VIRGILIAN BRACHIOPODA AT ARROW CANYON FOR WHICH PUBLICATION IS CONTEMPLATED. IT'S TOO BIG FOR A JOURNAL PAPER AND WE DON'T HAVE MONEY FOR A MONOGRAPH-- ALSO PROBABLY NEEDS MORE WORK FOR A MONOGRAPH. (IN PRESS)- "PRELIMINARY REPORT OF THE BRACHIOPOD FAUNA, ARROW CANYON SECTION, SOUTHERN NEVADA, U.S.A." PROCEEDINGS OF THE TENTH INTERNATIONAL CONGRESS OF CARBONIFEROUS STRATIGRAPHY AND GEOLOGY, MADRID.

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LAZAREV, S.S.- CURRENT RESEARCH IS DEVONIAN PRODUCTIDA. FIELDWORK IS IN THE CAUCASUS (DEVONIAN). (IN PRESS) "BRACHIOPODY SEMEISTVA BUXTONIIDAE I ECHINOCONCHIDAE." PALEONT. ZHURNAL, 1984, NO.4; "VISTSERAL'NAE POLOST' SREDANNAYA SEPTA I OPORTNYE PLASTINY U PRODUCTIDA." PALEONT. ZHURNAL, 1985; "BRACHIOPODY SREDNEGO I VERKHNEGO KARBONA PODMOSKOVYYA." PALEONT. ZHURNAL, 1984, NO.2.

LEGRAND-BLAIN, M.- (IN PREP.)- (A) LES GIGANTOPRODUCTIDES (BRACHIOPODES) DU SAHARA ALGERIEN. IV- GIGANTOPRODUCTIDAE NAMURIENS. A MANUSCRIPT, SOON IN PRESS, PROBABLY IN THE SOC. HIST. NAT. AFR. NORD, ALGER. (B) LES SPIRIFERIDES (BRACHIOPODES) CARBONIFERES DU SAHARA ALGERIEN: 1- DU VISEEN SUPERIEUR AU BASHKIRIEN. (C)- DYNAMIQUE DES BRACHIOPODES CARBONIFERES SUR LA PLATE-FORME

CARBONATEE DU SAHARA ALGERIEN: PALEOENVIRONNEMENTS, PALEOBIOGEOGRAPHIE, EVOLUTION. (D)- TITLE NOT YET ESTABLISHED: A MANUSCRIPT IN PREPARATION, DESCRIBING A NEW SPIRIFERIDE GENUS, THE TYPE-SPECIES OF WHICH IS SPIRIFER TRIGONALIS (MARTIN 1809, SENSU MUIR-WOOD 1956). (IN PRESS)- & DELVOLVE, J.J. & PERRET, M.F. "LES BRACHIOPODES CARBONIFERES DES PYRENEES CENTRALES FRANCAISES. 2: ETUDE DES ORTHIDA ET DES SPIRIFERIDA; BIOSTRATIGRAPHIE, PALEOECOLOGIE, PALEOBIOGEOGRAPHIE" GEOBIOS, LYON; & ROUSSELLE, L., DUCASSE, O., & RINGEAD, M.- "VERS UNE APPROCHE DES STRATEGIES ADAPTATIVES DES POPULATIONS FOSSILES" 1ST CONGR. INTERN. PALEOECOLOGIE, LYON 1983; "BRACHIOPODS" IN: J. CONRAD, M. LEGRAND-BLAIN, Y. LEMOSQUET, M. LYS, C. PAREYN, P. SEMENOFF, AND M. WEYANT "THE CARBONIFEROUS SYSTEM IN THE N-W PART OF THE AFRICAN PLATFORM." IN: CARBONIFEROUS OF THE WORLD- PUBLISHED BY SPANISH COMM. STRATIG.

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LI LUO-ZHAO- LATE ORDOVICIAN PENTAMERID (BRACHIOPOD) FROM ZHUZHAI IN YUSHAN, JIANGXI. I'M GOING TO COLLECT FOSSIL SPECIMENS IN NOV. OF THIS YEAR. ADDENDA OF NEW ORDOVICIAN TRIMERELLID (BRACHIOPODA) MATERIALS FROM W. ZHEJIANG. (IN PRESS)- "NEW ORDOVICIAN TRIMERELLID (BRACHIOPODA) MATERIALS FROM WESTERN ZHEJIANG."

LI WEN-GUO- FIELD WORK IS THE CARBONIFEROUS-PERMIAN BOUNDARY STUDY IN CENTER AREA INNER MONGOLIA. I WILL HAVE FINISHED THE SILURIAN, DEVONIAN AND PERMIAN OF INNER MONGOLIA IN 1985. (IN PRESS)- & RONG JIA-YU AND DONG DE-YUAN ET AL. "THE SILURIAN STRATIGRAPHY AND FAUNAS IN THE DARHAN MUMINGGAN JOINT BANNER OF INNER MONGOLIA." (MONOGRAPH)

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MARTINEZ-CHACON, M.L.- THE X CARBONIFEROUS CONGRESS BRINGS US AN OPPORTUNITY TO MAKE A RECAPITULATION OF THE KNOWLEDGE OF SPANISH CARBONIFEROUS BRACHIOPODS. NOW I GO ON WITH MY INVESTIGATIONS ON SEVERAL ASPECTS OF THESE ORGANISMS AND THEIR RELATIONSHIPS WITH OTHER AREAS OF THE WORLD. MOST OF MY WORK IS DEVOTED TO THE BRACHIOPODS OF THE CANTABRIAN MOUNTAINS. (IN PRESS)- "THE BRACHIOPOD FAUNA OF THE SAN EMILIANO FORMATION (CANTABRIAN MTS., NW SPAIN) AND ITS CONNECTION WITH OTHER AREAS." C.R. IX INT. CONG. CARB. STRAT. GEOL.: "ESTUDIO ESTRATIGRAFICO DEL CARBONIFERO MEDIO EN LOS CORTES DE LA INVERNIZA- EL CABO Y LA MATINADA- LOS NADALES." C.R. X INT. CONGR. CARB. STRAT. GEOL.: "APORTACIONES AL CONOCIMIENTO DE LA ESTRATIGRAFIA DE LA FORMACION SAN EMILIANO (CARBONIFERO, CORDILLERA CANTABRICA) EN SU AREA-TIPO." C.R. X INT. CONGR. CARB. STRAT. GEOL.: "UPPER CARBONIFEROUS (KASIMOVIAN) BRACHIOPODS FROM THE PROVINCE OF OVIEDO, N SPAIN." (ALL THESE PAPERS ARE IN COLLABORATION WITH OTHER AUTHORS).

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MIDDLEMISS, F.A.- BRACHIOPOD FAUNAS FROM THE LOWER CRETACEOUS OF THE FOSSE VOCONTIENNE (SOUTHERN FRANCE). (IN PRESS)- "THE DISTRIBUTION OF TEREBRATULIDAE IN THE HAUTERIVIAN OF THE JURA REGION." IN J. REMANE (ED.), "L'HAUTERIVIEN DU JURA." MEM. SOC. NEUCHÂTEL. SCI. NAT.: "SOME TEREBRATULID BRACHIOPODS FROM THE CRETACEOUS OF HELIGOLAND." GEOL. JB.: "DISTRIBUTION OF LOWER CRETACEOUS BRACHIOPODS AND ITS RELATION TO CLIMATE." GEOL. J.: "LOWER CRETACEOUS TEREBRATULIDAE OF THE JURA REGION. 3. TEREBRATULA SALEVENSIS DE LORIOU AND THE GENERA PRAELONGITHYRIS AND TROPEOTHYRIS." ECL. GEOL. HELV.: "CRETACEOUS TEREBRATULID EVENTS IN WESTERN AND SOUTHERN EUROPE AND THEIR RELATION TO THE STAGE BOUNDARIES." CRET. RESEARCH.

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NAKAMURA, K.- I AM PLANNING TO VISIT THE SVALBARD ISLANDS WITH A YOUNG JAPANESE GEOLOGIST FROM JULY TO AUGUST, IN ORDER TO INVESTIGATE THE PERMIAN-TRIASSIC BOUNDARY IN THE ARCTIC REGION. (PUBLISHED)- SHENG JIN-ZHANG, CHEN CHU-ZHEN, WANG YI-GANG, RUI LIN, LIAO ZHUO-TING, YUJI BANDO, KEN-ICHI ISHII, KEIJI NAKAZAWA AND KOJI NAKAMURA (1984) "PERMIAN-TRIASSIC BOUNDARY IN MIDDLE AND

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NEKVASILOVA, O.- TEREBRATELLIDINA AND TEREBRATULIDINA FROM THE LOWER CRETACEOUS OF STRAMBERK, CZECHOSLOVAKIA (TAXONOMY & ECOLOGY); FIELDWORK ON UPPER CRETACEOUS (CENOMANIAN-TURONIAN) BRACHIOPODS IN THE BOHEMIAN UPPER CRETACEOUS BASIN (CZECHOSLOVAKIA).

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OLIVERI, O.- EVOLUTION, STRATIGRAPHY AND SYSTEMATICS OF PLIO-PLEISTOCENE BRACHIOPODS OF MEDITERRANEAN BASIN. BIOMETRY OF GRYPHUS MINOR PHILIPPI AND MEGERLIA TRUNCATA (LINNE). (IN PRESS)- "I BRACHIOPODI DELL'ABB. CONZO (GRAMMICHELE, CATANIA)." SOCIETA SICILIANA DI SCIENZE NATURALI, PALERMO.

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PARFREY, S.M.- DESCRIPTION OF BRACHIOPODS AND BIVALVES FROM THE PERMIAN CATTLE CREEK FORMATION AND BUFFEL FORMATION, BOWEN BASIN, QUEENSLAND, AUSTRALIA. (IN PRESS)- "EARLY PERMIAN INVERTEBRATES FROM THE CAMBOON ANDESITE NEAR BILOELA, SOUTH-EAST BOWEN BASIN."

PECAR, J.- DURING STUDY OF UPPER CARBONIFEROUS AND PERMIAN CHONETACEAN BRACHIOPODS FROM SLOVENIA (NORTHWEST YUGOSLAVIA), SOME VERY INTERESTING FACTS WERE ESTABLISHED, WHICH DESERVE FURTHER RESEARCH (IT SEEMS AS I CANNOT GET RID OF CHONETACEAN BRACHIOPODS!). WORK WITH BRACHIOPODS FROM OUR NEOSCHWAGERINE LIMESTONE IS CONTINUING. I AM ALSO PREPARING WITH PROF. A. RAMOVŠ A MANUSCRIPT ABOUT UPPER PERMIAN CHONETACEAN BRACHIOPODS FROM VOLAKA (SLOVENIA).

PEVNY, J.- LOWER JURASSIC BRACHIOPODS FROM THE MALE KARPATY MTS.; LOWER JURASSIC RHYNCHONELLIDS AND ZEILLERIDS.

POPE, J.K.- RAFINESQUINA FROM THE MIDDLE ORDOVICIAN OF KENTUCKY. THESE ARE THE SILICIFIED SPECIMENS COLLECTED BY JOHN POJETA FOR THE U.S.G.S. PROJECT TO REWORK THE MIDDLE ORDOVICIAN FAUNAS OF KENTUCKY. IT IS A PERPLEXING PROBLEM, MADE DOUBLY DIFFICULT BY THE DELICACY OF THE SPECIMENS. EITHER THERE ARE MANY SPECIES, WHICH I THINK UNLIKELY, OR A CHRONOCLINE DIVIDED BY ENVIRONMENTS INTO MANY ECOMORPHS. THE PROBLEM IS TO PROVE OR DISPROVE THE LATTER AND THAT IS NOT EASY TO DO.

POPIEL-BARCZYK, E.- TOGETHER WITH WIESLAW BARCZYK I AM FINISHING THE PAPER ON EOCENE BRACHIOPODS FROM BRYOZOA-LITHOTHAMNIAN SANDSTONES IN MENILITE SERIES FROM CENTRAL CARPATHIAN IN POLAND. BRACHIOPOD FAUNA FROM THIS REGION WAS ONLY DESCRIBED BY V. UHLIG IN 1886, THEREFORE OUR PAPER CONTAINS SOME REMARKS TO HIS OLD ELABORATION. (IN PRESS)- & G. BIERNAT AND K. BIRKENMAJER "TERTIARY BRACHIOPODS FROM THE MOBY DICK GROUP OF KING GEORGE ISLAND (SOUTH SHETLAND ISLANDS, ANTARCTICA)." STUDIA GEOL. POL., 81(5) 1984.

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RACHEBOEUF, P.R.- COORDINATION OF THE COLLECTIVE WORK ON THE SILURO-DEVONIAN "GROUPE DE LIEVIN", NORTHERN FRANCE. CHONETACEAN BRACHIOPODS FROM THE LOWER DEVONIAN OF THE EIFELIAN HILLS. UPPER SILURIAN AND LOWER DEVONIAN CHONETACEAN BRACHIOPODS FROM NORTHERN EUROPE (GREAT BRITAIN, SCANDINAVIA, BELGIUM, PODOLIA AND ESTONIA) (IN COLL. WITH M. RUBEL & V. WALMSLEY). (IN PRESS)- "PRODUCTIDINA (BRACHIOPODES) DEVONIENS DU SYNCLINORIUM MEDIAN ARMORICAIN, W. FRANCE" BULL. SOC. GEOL. MINERAL. BRETAGNE; & L. BRANISA "NEW DATA ON SILURIAN AND DEVONIAN CHONETACEAN BRACHIOPODS FROM BOLIVIA" JOURNAL OF PALEONTOLOGY; & P. COPPER "DEVONIAN ATRYPOID BRACHIOPODS FROM THE ARMORICAN MASSIF, NORTHWESTERN FRANCE" PALAEONTOGRAPHICA; "LATE EARLY AND EARLY MIDDLE DEVONIAN CHONETACEAN BRACHIOPODS FROM BATHURST, DEVON AND ELLESMERE ISLANDS, CANADIAN ARCTIC ARCHIPELAGO" BULL. GEOL. SURV. CANADA.

RADULOVIC, V.- DOGGERIAN BRACHIOPODS OF LAZ (YUGOSLAV-CARPATHO-BALKANIDS); DOGGERIAN BRACHIOPODS OF YUGOSLAV CARPATHO-BALKANIDS. (IN PRESS)- & E.S. TCHORSZHEVSKY "NEW DATA ON THE BATHONIAN AND CALLOVIAN TEREBRATULIDS (BRACHIOPODA) OF THE CARPATHIAN (SSSR) AND THE CARPATHO-BALKANIDS (YUGOSLAVIA)."

- RADWANSKI, A.- (IN PREP.)- NEW DISCINISCA FROM THE VIENNA BASIN (AUSTRIA)- JOINTLY WITH U. RADWANSKA; AUTECOLOGY OF AN UPPER JURASSIC ABERRANT RHYNCHONELLID, LACUNOSELLA SELLIFORMIS (LEWINSKI), FROM THE HOLY CROSS MOUNTAINS, CENTRAL POLAND- JOINTLY WITH B.A. MATYJA. (IN PRESS)- & U. RADWANSKA "A NEW SPECIES OF INARTICULATE BRACHIOPODS, DISCINISCA POLONICA SP. N. FROM THE KORYTNICA BASIN (MIDDLE MIOCENE, BADENIAN; HOLY CROSS MOUNTAINS, CENTRAL POLAND)." ACTA GEOL. POLONICA, 34(3-4).
- RICHARDSON, J.R.- COMMUNITIES FROM THE BRYOZOAN SANDS OF THE AUSTRALIAN SHELF AND THE BRYOZOAN CALCARENITES OF THE AUSTRALIAN TERTIARY. (IN PRESS)- "THE BRACHIOPODS OF SOUTH AUSTRALIA. FLORA AND FAUNA OF SOUTH AUSTRALIA HANDBOOK 2" ROYAL SOCIETY OF SOUTH AUSTRALIA; & R.J. MINEUR "FREE AND MOBILE BRACHIOPODS IN AUSTRALIAN SEAS AND NEW ZEALAND OLIGOCENE DEPOSITS" ALCHERINGA.
- ROUSSELLE, L.- (IN PRESS)- "REVISION DES ESPECES ET DIAGNOSES GENERIQUES (EXEMPLES PRIS CHEZ LES BRACHIOPODES DU JURASSIQUE" SOCIETE GEOLOGIQUE DE FRANCE; "VERS UNE APPROCHE DES STRATEGIES ADAPTATIVES DES POPULATIONS FOSSILES- (ECOLOGIE EVOLUTIVE APPLIQUEE AUX SEMIPLANIDAE DU CARBONIFERE)" GEOBIOS.
- ROWELL, A.J.- (A) RESEARCH AND FIELDWORK ON THE LOWER DRESBACHIAN (UPPER CAMBRIAN) BRACHIOPODS OF THE GREAT BASIN OF UTAH AND NEVADA. (B) RESEARCH ON UPPER MIDDLE CAMBRIAN BRACHIOPODS FROM THE T2 FORMATION OF PEARY LAND, NORTH GREENLAND. (C) FIELDWORK AND RESEARCH ON THE FAUNA AND SEDIMENTOLOGY OF THE CAMBRIAN SHACKLETON LIMESTONE OF THE CENTRAL TRANSANTARCTIC MOUNTAINS, SOUTHERN VICTORIA LAND. (D) MANUSCRIPT ALMOST COMPLETED: "RHONDELLINA DOREI, AN UNUSUAL ENDEMIC CAMBRIAN ACROTRETID FROM NORTH AMERICA." (IN PRESS)- (WITH NANCY E. CARUSO)- "THE EVOLUTIONARY SIGNIFICANCE OF NISUSIA SULCATA, AN EARLY ARTICULATE BRACHIOPOD."
- RUGGIERO, E.T.- ARGYROTHECA N.SP. FROM PLEISTOCENE OF APULIA. ECOLOGY OF SOME THYRRENIAN SEA BRACHIOPODS. RHYNCHONELLID FAUNA FROM THE JURASSIC OF N.W. SARDINIA ASSOCIATED TO NEW SPECIES SARDORHYNCHIA CRASSA TADDEI RUGGIERO & UNGARO, 1983. LIASSIC BRACHIOPODS FROM LONGOBUCCO (S. ITALY). (IN PRESS)- "PALEOECOLOGIA E BIOSTRATIGRAFIA DELLE CALCARENITI A BRACHIOPODI DI CASTRO (LECCE)." BOLLETTINO DELLA SOCIETA DEI NATURALISTI IN NAPOLI, VOL. 92 (1983).
- SAVAGE, N.M.- PENNSYLVANIAN BRACHIOPODS OF EASTERN NEVADA.
- SCHUMANN, D.- (IN PREP.)- LIFE-DURATION OF WALTONIA INCONSPICUA (RECENT); SHELL MORPHOLOGY AND THEIR DEPENDANCE FROM STRONG WATER CURRENTS IN TEREBRATALIA TRANSVERSA (RECENT); VARIATION IN UNCINULUS ORBIGUYANUS (DEVONIAN OF SPAIN).
- SIBLIK, M.- STUDY OF UPPER TRIASSIC BRACHIOPODS OF SLOVAKIA (CSSR) AND FIELDWORK IN EASTERN SLOVAKIA (TRIASSIC). (IN PRESS)- "TRIASSIC BRACHIOPODS OF THE NORTHERN ALPS AND THEIR GENERIC ATTRIBUTIONS."; "TRIASSIC BRACHIOPODS FROM AGHDARBAND (NE IRAN)."
- SINGH, T.- WORKING ON THE UPPER PALAEOZOIC MARINE FAUNA OF EASTERN HIMALAYA. FIELD WORK IS ALMOST COMPLETED, AND A RICH COLLECTION OF BRACHIOPODS AND GASTROPODS HAS BEEN MADE WITH SOME BIVALVE, BRYOZOA AND CRINOIDS. A PAPER ON "BRACHIOPODS FROM PERMIAN FORMATION OF SIANG DISTRICT, A.P." AND "A NEW SPECIES OF SPIRIFEROID GENUS SUBANSIRIA FROM SUBANSIRI DISTT. A.P." HAS ALREADY BEEN PUBLISHED IN CONTR. TO HIM. GEOL., VOL.1 (1978). ANOTHER PAPER "AGE AND FAUNAL AFFINITY OF THE GARU FORMATION, ARUNACHAL PRADESH." HIM. GEOL. VOL.11:271-286 (1981- ISSUED IN 1983).
- STRUSZ, D.L.- BRACHIOPOD FAUNAS AND BIOSTRATIGRAPHY, LUDLOW TO EARLY DEVONIAN, YASS SYNCLINE, SOUTHEAST NEW SOUTH WALES. (IN PRESS) "THE ORTHOTETACEAN BRACHIOPOD MORINORHYNCHUS IN THE SILURIAN OF YASS, N.S.W." JOUR. PALEONT.; "BRACHIOPODS FROM THE SILURIAN OF FYSHWICK, CANBERRA, AUSTRALIA." B.M.R.J. AUST. GEOL. GEOPHYS.
- STRUVE, W.- RESEARCH ON TAXONOMY AND COMBINED TRILOBITE-BRACHIOPOD BIOCHRONOLOGY PARTICULARLY OF THE TYPE EIFELIAN MATERIAL, CORRELATIONS IN THE RHENISH FACIES EAST AND WEST OF THE RHINE RIVER. THE FIELD WORK WAS CONCENTRATED TO DETAILED BIOCHRONOLOGICAL QUESTIONS AT THE EIFELIAN/GIVETIAN BOUNDARY RANGE. THE RESEARCH WAS HANDICAPPED BY THE TRANSFER OF THE GEOLOGY-PALAEONTOLOGY DEPT. INTO A NEW RESIDENCE ABOUT 1 KM W OF THE SENCKENBERG MUSEUM (KUHWALDSTRASSE 55, A FEW MINUTES FROM THE WESTBAHNHOF). DURING THIS ACTION, THE BRACHIOPOD, TRILOBITE, MIDDLE DEVONIAN AND OTHER COLLECTIONS IN CHARGE OF THE PRESENT REPORTER BECAME COMPLETELY RE-ARRANGED. BY TECHNICAL REASONS, THE MAILING ADDRESS STAYS, FOR THE FIRST, AS BEFORE (SENCKENBERG-ANLAGE 25).
- SU YANG-ZHENG- CURRENT RESEARCH ON LOWER PALEOZOIC AND DEVOIAN STRATIGRAPHY AND BRACHIOPODS IN NORTHEASTERN CHINA. I WILL GO TO THE BAYANOBO DISTRICT, CENTRAL NEI MONGOL FOR SILURIAN AND THE HULMA DISTRICT, DA HINGAN LING MOUNTAINS FOR LOWER-MIDDLE DEVONIAN DURING THIS SUMMARY FIELD WORK. (IN PREP.)- & ZHANG HAIRI AND PU QUANSENG "SILURIAN STRATA OF NORTHWESTERN XIAO HINGAN LING."
- SUCIC-PROTIC, Z.- (IN PREP.)- "MIDDLE LIASSIC ZEILLERIIDAE OF YUGOSLAV CARPATHO-BALKANIDS."
- SUN TE- (1) 1980-82 RESEARCH ON CARBONIFEROUS-PERMIAN STRATA AND PERMIAN BRACHIOPODA OF ALI DISTRICT, XIZANG (WEST-NORTH TIBET). (2) (PUBLISHED IN FEB. 1983) "EARLY PERMIAN NEW GENERA AND SPECIES OF BRACHIOPOD FAUNA IN RUTOG DUOMA AREA, XIZANG (TIBET), CHINA." WUHAN COLLEGE OF GEOLOGY (EARTH SCIENCE), JOURNAL, 19(1):119-128; (3) (PUBLISHED IN FEB. 1984) "LATE CARBONIFEROUS-

EARLY PERMIAN STRATA AND FAUNA IN NORTH ALI DISTRICT, XIZANG (TIBET, CHINA." EXPLORATION OF NATURE, 3(1):71-83, (CHENGDU).

SURLYK, F.- (PUBLISHED)- & ALVAREZ, W., KAUFFMAN, E.G., ALVAREZ, L.W., ASARO, F., & MICHEL, H.V. "THE IMPACT THEORY OF MASS EXTINCTIONS AND THE MARINE INVERTEBRATE FOSSIL RECORD ACROSS THE CRETACEOUS-TERTIARY BOUNDARY" SCIENCE, 223:1135-1141(1984); & JOHANSEN, M.B. "END-CRETACEOUS BRACHIOPOD EXTINCTIONS IN THE CHALK OF DENMARK" SCIENCE, 223:1174-1177 (1984); "THE MAASTRICHTIAN STAGE IN NW EUROPE, AND ITS BRACHIOPOD ZONATION" BULL. GEOL. SOC. DENMARK, 33.

TCHOUMATCHENCO, P.V.- FIELD WORK IN SOUTHWESTERN BULGARIA- MIDDLE AND UPPER JURASSIC. (IN PRESS)- "DRUGANIRHYNCHIA NEVELINAE GEN. & SP.N. (BRACHIOPODA, RHYNCHONELLIDAE) AND THE REPARTITION OF THE AALENIAN RHYNCHONELLIDS IN SOUTHWESTERN BULGARIA." GEOLOGICA BALCANICA, 13(6).

TEMPLE, J.T.- AM TRYING TO FINISH MS ON EARLY Llandovery BRACHIOPODS FROM WALES.

THOMSEN, E.- PALEOECOLOGY AND BIOSTRATIGRAPHY OF MACROFOSSILS IN LATE QUATERNARY SHELF SEDIMENTS. IN CONNECTION WITH THIS PROJECT I AM INVESTIGATING A FAUNA DOMINATED BY MACANDREVIA CRANIUM (MUELLER) FROM THE SHELF OFF NORTHERN NORWAY. (IN PREP.)- "LOWER SILURIAN BRACHIOPODS FROM THE SAELABONN FORMATION, RINGERIKE, NORWAY."

UCHYTIL, S.- I'M SORRY TO SAY BUT I'M MOSTLY DOING EXPLORATION GEOLOGY IN THE BERING SEA. IN THE FIELD WORK THAT I'VE DONE, VERY FEW BRACHS WERE ENCOUNTERED. A FEW PERMIAN BRACHS, PHRICODOTHYRIS SP., ETC. WERE FOUND, BUT NOT ABUNDANTLY NOR WAS PRESERVATION THAT GREAT, (PAULE BAY, ALASKA). I'M VERY INTERESTED IN THE RECENT BRACHS, ACTUALLY WORLDWIDE, AND AM TRYING TO FIND AREAS IN ALASKA WHERE THEY MAY BE LIVING. NEED BETTER CONTACTS WITH FISHERMAN, ETC.

VILLAS, E.- UPPER ORDOVICIAN BRACHIOPODS FROM SIERRA MORENA, CANTABRIAN CORDILLERA AND CATALONIA (SPAIN). (IN PRESS)- "BRAQUIOPODOS DEL ORDOVICICO MEDIO Y SUPERIOR DE LAS CADENAS IBERICAS ORIENTALES."

VOGEL, K.- MARINE DEVONIAN IN PR CHINA: PELAGIC FACIES, ESPECIALLY ITS BRACHIOPODS (COOPERATION WITH XU HAN-KUI, LANGENSTRASSEN, WALLISER & AL.); BORING THALLOPHYTES (FOR INSTANCE IN BRACHIOPODS) AS A PALEOBATHYMETRIC INDICATOR (COOPERATION WITH ST. GOLUBIC AND SUSAN CAMPBELL). (IN PREP.)- "BRACHIOPODS AND THEIR RELATION TO FACIES DEVELOPMENT IN THE LOWER AND MIDDLE DEVONIAN OF NANNAN, PROVINCE GUANGXI, SOUTH CHINA" (CO-AUTHORS: LANGENSTRASSEN & XU HAN-KUI). (IN PRESS)- "LEBENSWEISE UND UMWELT FOSSILER TIERE- EINE EINFUEHRUNG IN DIE OKOLOGIE DER VORZEIT" (LIFE HABITS AND ENVIRONMENT OF FOSSIL ANIMALS- AN INTRODUCTION TO THE ECOLOGY OF THE PAST). QUELLE & MEYER VERLAG, HEIDELBERG (1984).

VOROS, A.- PREPARATION OF A THESIS FOR SCIENTIFIC DEGREE ON "PALEOECOLOGY, PALEOBIOGEOGRAPHY AND BIOSTRATIGRAPHY OF THE PLIENSCHACHIAN BRACHIOPOD FAUNA OF THE BAKONY MTS." (IN PRESS)- "LOWER AND MIDDLE JURASSIC BRACHIOPOD PROVINCES IN THE WESTERN TETHYS." ANN. UNIV. SCI. BUDAPEST, SEC. GEOL., 24; "COMPARISON OF JURASSIC BENTHONIC MOLLUSC AND BRACHIOPOD FAUNAS OF THE TRANSDANUBIAN MOUNTAINS." ACTA GEOL. HUNG., 28.

WALLACE, P.- LITTLE WORK ON BRACHIOPODS AT PRESENT. WORKING ON VARISCAN TECTONICS AND TRACE FOSSILS.

WEST, R.R.- JOINT PROPOSAL WITH C. EMIG (MARSEILLE) TO STUDY THE ECOLOGY AND PALAEOECOLOGY OF LINGULIDS. (IN PRESS)- ARROW CANYON, NEVADA-- A POTENTIAL MID-CARBONIFEROUS BOUNDARY STRATOTYPE, PROC. TENTH INTERNATIONAL CONGRESS ON CARBONIFEROUS STRATIGRAPHY AND GEOLOGY, MADRID, SPAIN, WITH THREE COLLEAGUES AT AMOCO RESEARCH IN TULSA, OKLAHOMA. SHORT BIT ON THE BRACHIOPODS IN THIS PART OF THE SEQUENCE EXPOSED IN ARROW CANYON.

WILLIAMS, A.- ORDOVICIAN FAUNAS AND STRATIGRAPHY OF THE HIGHLAND BORDER COMPLEX, SCOTLAND. (IN PREP.)- & G.B. CURRY AND L.R.M. COCKS "ORDOVICIAN BRACHIOPODS FROM SPITZBERGEN"; (IN PRESS)- "MINOR COELOMATE PHyla: LOPOPHORATES" (CHP. 17.1) IN BIOLOGY OF THE INTEGUMENT, VOL.1; "INVERTEBRATES" SPRINGER-VERLAG; "LOWER ORDOVICIAN (ARENIG) BRACHIOPODA FROM THE TOURMAKEADY LIMESTONE, CO. MAYO, EIRE" BULL. BRIT. MUS. (NAT. HIST.) (GEOL.), 38(4) (WITH G.B. CURRY); "HIGHLAND BORDER BRACHIOPODA" TRANS. ROYAL SOC., EDINBURGH (WITH G.B. CURRY); "GEOLOGICAL HISTORY OF THE HIGHLAND BORDER COMPLEX, SCOTLAND" (WITH B.J. POLUCK, J.K. INGHAM AND G.B. CURRY); "LOWER ORDOVICIAN (ARENIG) BRACHIOPODA FROM THE BEN SUARDAL LIMESTONE (DURNES GROUP), ISLE OF SKYE" (WITH G.B. CURRY).

WILSON, M.A.- MORROWAN BRACHIOPOD COMMUNITIES IN SOUTHERN NEVADA. BRACHIOPOD/BIVALVE COMMUNITIES IN MISSISSIPPIAN DELTAIC SANDS.

WINKLER PRINS, C.F.- CARBONIFEROUS STRATIGRAPHY AND BRACHIOPODS FROM THE CANTABRIAN MTS (SPAIN); PERMIAN BRACHIOPODS FROM TIMOR. (IN PREP.)- "THE STRATIGRAPHIC AND GEOGRAPHIC RANGE OF THE INCISIIDAE (PRODUCTID BRACHIOPODS)" SCRIPTA GEOL.; & MARTINEZ CHACON "KASIMOVIAN (UPPER CARBONIFEROUS) BRACHIOPOD FAUNAS FROM ASTURIAS (N. SPAIN)." (IN PRESS)- & MARTINEZ CHACON "THE BRACHIOPOD FAUNA OF THE SAN EMILIANO FORMATION (CANTABRIAN MTS, NW SPAIN) AND ITS CONNECTION WITH OTHER AREAS" C.R. IX INT. CONGR. CARB-

ONIFEROUS STRAT. GEOL., URBANA, 1979, 3 (PALEONTOLOGY); & MARTINEZ CHACON "UPPER CARBONIFEROUS (KASIMOVIAN) BRACHIOPODS FROM ASTURIAS (N SPAIN)" C.R. X INT. CONGR. CARBONIFEROUS STRAT. GEOL., MADRID, 1983; "BRACHIOPODS AND THE MAIN CLASSIFICATION OF THE CARBONIFEROUS" C.R. IX INT. CONGR. CARBONIFEROUS STRAT. GEOL., URBANA, 1979, 2 (BIOSTRATIGRAPHY); "A GENERAL REVIEW OF THE CARBONIFEROUS BRACHIOPODS FROM THE CANTABRIAN MTS (N SPAIN)" AN. FAC. CI. UNIV. PORTO, (CONTRIBUTIONS TO THE CARBONIFEROUS GEOLOGY AND PALAEOLOGY OF THE IBERIAN PENINSULA): 69-91. & R.H. WAGNER "THE LOWER STEPHANIAN AT BARRUELO (PROV. PALENCIA, SPAIN) AND THE STEPHANIAN A BOUNDARY STRATOTYPE" IN: E. DEMIRTASLI, C.F. WINKLER PRINS & R.H. WAGNER (EDS.) "CARBONIFEROUS-PERMIAN SYMPOSIUM" PROC. S.C.C.S. FIELD & GENERAL MEETING, TURKEY, 1978. M.T.A., ANKARA; & R.H. WAGNER "LOWER STEPHANIAN STRATOTYPES, NORTHERN SPAIN" IN: W.H.C. RAMSBOTTOM (ED.) "CARBONIFEROUS STRATOTYPES OF WESTERN EUROPE" I.U.G.S. PUBL. 9; & R.H. WAGNER "PROPOSAL OF THE BARRUELIAN STAGE AS A NEW NAME FOR THE STEPHANIAN A" C.R. X INT. CONGR. CARBONIFEROUS STRAT. GEOL., MADRID, 1983.

WU QI- THE PALAEOGEOGRAPHIC STUDY ON CARBONIFEROUS AND TRIASSIC OF FUJIAN. (IN PRESS)- "FACIES ANALYSIS OF CAVAN LIMESTONE AND ASSOCIATED ROCKS."; "A NEW PERMIAN SPECIES OF COLEDIUM (STENOCISMATACEA, BRACHIOPODA) FROM NEW SOUTH WALES."

XIAN SI-YUAN- (FIELD WORK)- COLLECTING LOWER & MIDDLE DEVONIAN BRACHIOPODS IN GUANGXI, GUIZHOU. (IN PREP.)- "BRACHIOPOD FAUNA FROM YANGMABA GROUP (U. EMSIAN) IN LONGMENSHAN MOUNT., SICHUAN."

XU GUI-RONG- RESEARCHING PERMO-TRIASSIC BRACHIOPODS OF SOUTH CHINA; WILL GO TO HUANGSHI TO MEASURE PERMIAN AND TRIASSIC SECTIONS; A MONOGRAPH ABOUT THE BOUNDARY BETWEEN PERMIAN AND TRIASSIC HAS BEEN PREPARED WITH OTHER COLLEAGUES. (IN PRESS)- "BRACHIOPOD ASSEMBLAGE OF UPPER DEVONIAN IN HEISHAN AREA, QINGHAI PROVINCE."

YAN GUO-SHUN- "I AM WRITING THE REPORT OF CARBONIFEROUS STRATIGRAPHY FOR PROVINCE HENAN AT PRESENT. I SHALL INVESTIGATE THE EARLY PALEOZOIC BRACHIOPODS IN THE SOUTH SLOPE OF EAST QIN-LING MOUNTAINS AFTER AUGUST."

YANAGIDA, J.- (IN PREP.)- "LOWER PERMIAN BRACHIOPODS FROM SOUTHWEST JAPAN." (FIELD WORK)- CARBONIFEROUS BRACHIOPOD FAUNA FROM THE AKIYOSHI LIMESTONE GROUP. DESCRIPTIVE WORK ON THE THAILAND MATERIAL WILL BE ACCOMPLISHED THIS YEAR. (IN PRESS)- A PAPER ON LOWER PERMIAN BRACHIOPODS ABOVE STATED WILL BE PUBLISHED THIS AUTUMN IN THE MEMOIR OF KYUSHU UNIV.

YAO YI-MIN- TERTIARY OSTRACODS AND SEDIMENTAL FACIES ALONG THE COASTAL REGION OF BOHAI SEA OF CHINA; I WILL PREPARE THE FENESTRAE IN PUNCTATRYPA. (IN PRESS)- "NON-MARINE LACUSTRINE TURBIDITES OF THE SHAHEJIE FORMATION FROM ZH50-WELL, KENLI, SHANDONG." ACTA PETROLEI SINICA.; "PARAENDOPUNCTAE OF ARTICULATA BRACHIOPODA." ACTA PALAEOONT. SINICA (1984); "ON SHELL ULTRA-STRUCTURES OF SOME STROPHOMENIDS AND FORMATION OF CROSSED-BLADED TEXTURES." COLLECTION OF MASTER'S DEGREE THESES OF GRADUATED STUDENTS IN THE INSTITUTE OF GEOLOGY AND PALAEOLOGY, ACADEMIC SINICA.

ZAKOWA, H.- (IN PREP.)- "ORDER ORTHIDA FROM THE UPPER VISEAN LIMESTONES (HOLY CROSS MTS., POLAND)."; "THE FAMILY DICTYOCLOSTIDAE (BRACHIOPODA) FROM THE UPPER VISEAN LIMESTONES (HOLY CROSS MTS., POLAND)." (IN PRESS)- "SOME PRODUCTIDINA (BRACHIOPODA) FROM THE UPPER VISEAN OF GALEZICE." KWART. GEOL.; "UPPER VISEAN GIGANTOPRODUCTOID BRACHIOPODS FROM THE HOLY CROSS MTS., POLAND." ANN. SOC. GEOL. POLON.; "NEW UPPER VISEAN TAXA OF THE GENERA GIGANTOPRODUCTUS AND SEMIPLANUS (BRACHIOPODA) FROM THE HOLY CROSS MTS., POLAND." BULL. ACAD. SCI.; "BRACHIOPODS OF THE FAMILY SEMIPLANIDAE SARYTCHEVA, 1960 FROM THE UPPER VISEAN OF THE HOLY CROSS MTS., POLAND." GEOLOGY OF POLAND, VOL. 4.

ZHAN LI-PEI- ! ATTENDED IGCP PROJECT 203 WORKING GROUP MEETING IN BEIJING ON MARCH 1984. AFTER THAT, I VISITED THE PERMIAN-TRIASSIC BOUNDARY SECTIONS IN SHANGSI, GUANGYUAN AND CHONGQING OF SICHUAN WITH SOME COLLEAGUES. I CONTINUE STUDYING ON THE PERMIAN-TRIASSIC BOUNDARY OF SOUTH SHAANXI AND NORTH SICHUAN AND ALSO ON LATE PERMIAN BRACHIOPODS FROM SOUTH SHAANXI AND NORTH SICHUAN. RESEARCH ON UPPER CARBONIFEROUS AND LOWER PERMIAN BRACHIOPODS FROM SOUTH XINJIANG. (IN PRESS)- & LI ZISHUN "THE PERMIAN-TRIASSIC BOUNDARY IN SHANGSI, GUANGYUAN, SICHUAN."; & LI LI "ON SOME IMPORTANT PROBLEMS ABOUT PERMIAN IN CHINA."

ZHANG ZI-XIN- THE CARBONIFEROUS SYSTEM IN THE NORTHERN PART OF XINJIANG. (IN PRESS)- "THE NEW OBSERVATIONS ON THE LOWER CARBONIFEROUS SERIES OF JILUNGTAI REGION OF NILKA DISTRICT IN THE WESTERN TIANSHAN OF XINJIANG."

ZHU CI-YING- FIELD WORK (1984) IN HUMA DISTRICT FOR ORDOVICIAN STRATIGRAPHY AND BRACHIOPODS (DA HINGAN LING, HAILONGJIANG PROVINCE).

ADDRESS CHANGES-

Bergstroem, J.- change address to read- Geological Survey of Sweden, Kiliansgatan 10, S-223 50 Lund, Sweden.

Li Luo-zhao- change address to read- Geological College of East China, Fuzhou, Jiangxi, China.
 Mergl, M.- change address to read- Ustredni Ustav Geologicky, Malostranske nam. 19, 11821 Praha-11, Czechoslovakia.
 Munoz, J.- correct address to read- Dept. Paleontologia, Facultad de Ciencias, Universidad Autonoma de Barcelona, Barcelona, Spain.
 Nekvasilova, O.- change zipcode from 11000 to 14200.
 Ruggiero, E.T.- new address- Dipartimento di Scienze della Terra dell'Universita Largo, S. Marcellino 10, Naples 80138, Italy.
 Siblik, M.- correct address to read- na Klaudiance 16, 147 00 Praha-Podoli, Czechoslovakia.
 Yao Yi-min- change address to read- Geological Research Institute of Shengli Oil-field, Dongying City, Shandong Province, China.

THE FOLLOWING NAMES ARE ADDITIONS TO MY 1981 DIRECTORY. PLEASE INFORM ME OF ANY ADDITIONAL NAMES TO THE DIRECTORY.

NAME	ADDRESS	COUNTRY
ALAN MORA, M.A. Tertiary	CODESA, APARTADO POSTAL 10.254, 1000 SAN JOSE	COSTA RICA
ALESSANDRO, A.D. Tertiary & Recent	DEPT. GEOLOGIA E GEOFISICA, UNIVERSITA DI BARI, PALAZZO ATENEO, BARI	ITALY
BONEM, R.M. Dev., Penn., Cret.-Rec.	GEOLOGY DEPT., BAYLOR UNIV., WACO, TEXAS 76798	USA
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EVANS, K.M. Silurian-Devonian	GEOLOGY DEPT., BIRBECK COLLEGE, 7-15 GRESSE ST., LONDON W1P 1PA	UNITED KINGDOM
FERNANDEZ-OVIES, C.L. Recent	CENTRO DE INVESTIG. ACUATICAS DE ASTURIAS, ESCUELA NAUTICO PESQUERA, AVDA. EDUARDO CASTRO, GIJON-ASTURIAS	SPAIN
GIOVANNONI, M.A. Ordovician	VIALE TITO LIVIO 112, ROME	ITALY
GRAVITIS, V.A. Devonian	VNIIMORGEO, SITS, DZIRNAVU 64, RIGA 226700	USSR
HU CHANGMING Mississippian-Triassic	PALEONTOLOGY LABORATORY, WUHAN COLLEGE OF GEOLOGY, WUHAN, HUBEI	CHINA
MANCENIDO, M.O. Carboniferous-Tertiary	DIV. PALEOZOOL. INVERT., FAC. CIENCIAS NAT. Y MUSEO DE LA PLATA, 1900 LA PLATA	ARGENTINA
MCNAMARA, K.J. Tertiary & Recent	WESTERN AUSTRALIAN MUSEUM, FRANCIS ST., PERTH 60000	AUSTRALIA
MIKULAS, R. Ordovician	PRIRODOVEDECKA FAKULTA, UNIVERSITY KARLOVY, ALBERTOV 6, 12843 PRAHA 2	CZECHOSLOVAKIA
MINATO, M. Devonian-Triassic	DEPT. OF GEOLOGY & MINERALOGY, HOKKAIDO UNIV., SAPPORO	JAPAN
MOULAN, G. Jurassic	VILLA UTOPIA, QUARTIER ST. MARTIN, 83390 CUERS	FRANCE
QUADROS, R. Devonian	AV. OSVALDO ARANHA 340 BL.1 APTO 710, 90 000 PORTO ALEGRE R/S	BRAZIL
SENKOWICZOWA, H. Triassic	INSTYTUT GEOLOGICZNY, UL. RAKOWIECKA 4, 00-975 WARSAW	POLAND
SUN TE Permian	EDITORIAL DEPT. OF EXPLORATION OF NATURE, SICHUAN PUBLISHING HOUSE OF SCIENCE AND TECHNOLOGY, CHENGDU	CHINA
WITMAN, J.D. Recent	ZOOLOGY DEPT., UNIV. OF NEW HAMPSHIRE, DURHAM, N.H. 03824	USA

PALEONTOLOGICAL MEETINGS & FIELD TRIPS-

1984-

AUG. 4-14 27TH INTERNATIONAL GEOLOGICAL CONGRESS IN MOSCOW.

SEPT. 3 MEETING OF JURASSIC BRACHIOPOD WORKERS, ERLANGEN, W. GERMANY. (D.V. AGER).

SEPT. 17-22 MEETING OF THE WORKING GROUP ON THE JURASSIC/CRETACEOUS BOUNDARY IN BUDAPEST-SUEMEG, HUNGARY. (A. VOROS)

OCT. 14-18 PALEONTOLOGY CONGRESS, OAXTEPEC, MEXICO (GLORIA ALENCASTER- INSTITUTO DE GEOLOGIA, NATIONAL UNIVERSITY OF MEXICO,

CIUDAD UNIVERSITARIA, APARTADO POSTAL 70-296, 04510 MEXICO D.F.).
 NOV. 5-8 GEOLOGICAL SOCIETY OF AMERICA, ANNUAL MEETING IN RENO, NEVADA (JEAN M. LATULIPPE, GSA HEADQUARTERS, BOX 9140, BOULDER, COLORADO 80301).

1985-

JANUARY MEETING OF THE PALAEONTOLOGICAL SOCIETY OF JAPAN. (J. YANAGIDA)
 JANUARY MEETING OF THE NORWEGIAN GEOLOGICAL SOCIETY IN TROMSO. IN CONNECTION WITH THIS THERE WILL PROBABLY BE A FORMAL MEETING OF NORDPAL (NORDIC PALEONTOLOGISTS) OR AN INFORMAL ONE. (E. THOMSEN)
 JANUARY MEETING OF THE ALL UNION PALEONTOLOGICAL ASSOCIATION IN LENINGRAD.
 SPRING 1985 POSSIBLE BRACHIOPOD MEETING NEAR KUNMING, YUNNAN. (ZHAN LI-PEI)
 JUNE MEETING OF THE PALAEONTOLOGICAL SOCIETY OF JAPAN. (J. YANAGIDA)
 MID 1985 AUSTRALASIAN ASSOC. OF PALAEONTOLOGISTS MEETING PROBABLY IN SYDNEY. (J.R. LAURIE)
 AUG. CONGRESS OF CARPATHIAN-BALKAN GEOLOGICAL ASSOCIATION IN CRACOW, POLAND. (J. PEVNY)
 AUG. 11-14 SOCIETY OF ECONOMIC PALEONTOLOGISTS & MINERALOGISTS, GOLDEN, COLO. (SEPM HEADQUARTERS, BOX 4756, TULSA, OKLAH. 74104)
 SEPT. 9-13 FOSSIL & LIVING BRACHIOPODS, MEETING IN BREST, FRANCE (CONGRES BRACHIOPODES, UNIVERSITY BRETAGNE OCCIDENTALE, LABORATOIRE DU PALEOZOIQUE, 6 AVE LE GORGEU, 29283 BREST CEDEX, FRANCE).
 SEPT. 21-28 II COLOQUIO DE ESTRATIGRAFIA Y PALEOGEOGRAFIA DEL PERMICO Y TRIASICO DE ESPANA EN LA SEO D'URGELL. (J. MUNOZ)
 OCT. 12-16 THIRD SYMPOSIUM OF ECOLOGY AND PALEOECOLOGY OF BENTHIC COMMUNITIES- UNIV. DI CATANIE, ITALY. (O. OLIVERI)
 OCT. 12-19 ANNUAL MEETING OF PALEONTOLOGISCHE GESELLSCHAFT IN MUNICH. (K. VOGEL)
 ? THREE OR FOUR MEETINGS OF THE PALEONTOLOGICAL SOCIETY OF JAPAN WILL BE HELD IN 1985. (E. INOUE)
 ? GEOLOGICAL CONFERENCE IN ZILINA. (J. PEVNY)

NEWS-

"MRS. G.A. COOPER HAS TRANSLATED THE RUSSIAN DESCRIPTIONS OF MOST NEW BRACHIOPOD GENERA. IF ANYONE IS INTERESTED, WRITE ME FOR SPECIFIC GENERIC TRANSLATIONS- UNFORTUNATELY SHE DOESN'T READ CHINESE! SEND ME A LIST OF ANY TRANSLATIONS YOU WOULD LIKE TO SHARE OR EXCHANGE WITH YOUR COLLEAGUES AND I WILL LIST THEM IN THE NEXT NEWSLETTER. ALSO, I HAVE COMPILED A NON-ABBREVIATED LIST OF SERIAL CITATIONS IN WHICH BRACHIOPODS HAVE BEEN DESCRIBED- LET ME KNOW IF YOU WOULD LIKE A COPY."- R. DOESCHER.
 J. DROT WILL RETIRE NEXT YEAR.
 CHRISTIAN EMIG WOULD LIKE REPRINTS ON FOSSIL SPECIMENS OF ANY LINGULA & GLOTTIDIA AS WELL AS LOAN OF WHOLE SPECIMENS.
 EIJU INOUE HAS A PHOTOGRAPH OF LIVING LAQUEUS INDIVIDUALS ON THE SEA FLOOR IN SITU.
 JOHN LAURIE HAS COLLECTED LARGE NUMBERS OF CAMBRIAN PATERINIDS AND WHICH HE STATES "SHOW WELL PRESERVED MUSCULATURE AND SOME OF WHICH SHOW VASCULAR SYSTEMS- APPEAR MUCH BETTER PRESERVED THAN ANYTHING SEEN IN LITERATURE."
 "DAPHNE LEE (UNIV. OF OTAGO) IS OVERSEAS WITH HER HUSBAND AT THE UNIVERSITY OF CAMBRIDGE UNTIL JULY 1985 (ADDRESS IS C/O BOTANY SCHOOL, DOWNING ST, CAMBRIDGE, ENGLAND)"- E.W. DAWSON.
 MARIE LEGRAND-BLAIN WILL SHOW SOME CHARACTERISTIC SPECIMENS OF FOSSIL BRACHIOPODS AT THE 1ST INTERNAT. CONG. ON BRACHIOPODS AT BREST. SHE STATES THAT "IT SHOULD BE A UNIQUE OCCASION, TO COMPARE DIRECTLY MANY PROBLEMATIC TAXA, THE SYSTEMATICS OF WHICH ARISES DIFFICULT QUESTIONS. FOR ME, I CAN BRING SPECIMENS OF CARBONIFEROUS BRACHIOPODS FROM ALGERIAN SAHARA AND SOUTHERN FRANCE. I SHOULD BE INTERESTED IN SEEING CONTEMPORANEOUS BRACHIOPODS FROM U.S.S.R., CHINA, AMERICA...THE INTERESTED BRACHIOPOD-LOGISTS ARE KINDLY INVITED TO WRITE ME, OR ALSO TO CONTACT THE ORGANIZING COMMITTEE OF THE CONGRESS."
 "BRIAN POPP (UNIV. OF ILLINOIS, URBANA) IS PREPARING A PH.D. THESIS ON THE ISOTOPE CONTENT OF UPPER PALAEOZOIC BRACHIOPODS FROM DIFFERENT PARTS OF THE WORLD. THE STUDY IS TO DETERMINE THE PALAEOTEMPERATURES OF THE SEAWATER" - C.F. WINKLER PRINS.
 SUN DONG-LI WILL BE JOINING D.V. AGER SHORTLY AT SWANSEA SO THAT THEY CAN WORK TOGETHER ON THE MESOZOIC BRACHIOPOD FAUNAS OF TIBET.
 "V.G. WALMSLEY RETIRED IN 1983 AND LEFT HIS MAGNIFICENT RESEARCH COLLECTION OF PALAEOZOIC BRACHIOPODS (OVER 12,000 SPECIMENS- WORLDWIDE- MAINLY SILURIAN/DEVONIAN) TO THE NATIONAL MUSEUM OF WALES WHERE IT IS NOW HOUSED AND AVAILABLE FOR CONSULTATION"- M.G. BASSETT.

PALEONTOLOGICAL PROBLEMS-

TRILOCHAN SINGH OF THE WADIA INSTITUTE OF HIMALAYAN GEOLOGY HAS SUGGESTED THAT I INCLUDE A CATEGORY FOR PALEONTOLOGICAL PROBLEMS. HIS PROBLEM, ASIDE FROM GETTING LITERATURE, IS ONE OF EXTRACTING FOSSILS FROM CONCRETIONS. THE USUAL WAY OF HAMMERING AND CHISELING DESTROYS HIS SPECIMENS- SUGGESTIONS WOULD BE WELCOME!

OBITUARY-

MASAO MINATO DIED ON APRIL 16, 1984.

WANG YU OF THE NANJING INSTITUTE OF GEOLOGY & PALAEONTOLOGY SUFFERED A FATAL STROKE ON APRIL 5, 1984.

"ARMFOOT" #3



THE INTERNATIONAL BRACHIOPOD NEWSLETTER

This year I sent out 505 questionnaires and 129 were returned. Please note the noticeable increase in the number of brachiopodologists, partly due to the recent publication of the 'Directory of Palaeontologists of the World'- 4th Edit. (1984). I am gratified to discern that more replies are getting more newsy and this yearly newsletter is serving a dual purpose- an information base of current 'happenings' in the brachiopod world and a "bulletin board" where workers can list their needs and, if the spirit so moves them, to offer useful services to our community (such as translations!).

I have included replies to questionnaires from this year's non-responders, which were received too late to include in last year's newsletter.

 CURRENT RESEARCH, INCLUDING MANUSCRIPTS IN PREPARATION AND IN PRESS-

Ackerly, S.C.- Functional morphology in orthids. Hinge mechanics. (in press)- "Hinge mechanics in the Orthida and Strophomenida: A quantitative assessment." (abstract) Geological Society of America, Abstracts with Programs, 17(1)- 1985.

Ager, D.V.- Mesozoic brachiopoda- evolution, ecology, geographical distribution world-wide. (in prep.)- with Sun Dong-li "Mesozoic brachiopods on the Two Shores of Tethys." (ms. for Brest conference)- "Evolutionary Patterns among the Mesozoic Brachiopoda." (in press)- "Bears, Bombs & Burnt Brachiopods." Geology Today, May-June 1985 (not very serious).

Alexander, R.R.- Experiments on the compressional strength of brachiopod valves to determine resistance to shell-breakage. Flume experiments on casts of Devonian brachiopods to determine (dis)advantages of rival medial-inhalant and lateral-inhalant models of filtration through spire-bearers. Frequency of shell-breakage on brachiopod assemblages through the Phanerozoic. (in press)- "Resistance to and repair of shell-breakage induced by durophages in Late Ordovician brachiopods." J. Paleontology; "Taphonomic and experimental evidence of selective post-mortem reorientational of Chesterian brachiopod shells by paleocurrents."- Contribution to symposium papers on Positive Aspects of Taphonomy which were submitted to Palaios.

Almeras, Y.- Brachiopods of Dogger from Provence (France); Brachiopods from the Lower & Middle Jurassic of Algeria & Arabia. (in press)- Physiography, palaeotectonics and palaeoenvironments as controls of the change of ammonite and brachiopod communities (an example from Early and Middle Jurassic of Western Algeria.); Paleontologie et paleoecologie de Parvirhynchia parvula (Deslongchamps), brachiopode récifal et perirécifal du Bajocien moyen.; Précisions biostratigraphiques et paleoecologiques sur le Lias des environs de Tiffrit (Saida, Algérie occidentale); Le contrôle des peuplements de brachiopodes: comparaison des données du Jurassique et de l'Actuel.

Alvarez, F.- Evolutionary trends, ecology, biometry and shell structure of Palaeozoic brachiopods (mainly of "Athyrids") and recent. (in press)- with G.B. Curry & C. Brime "Contribucion al estudio comparativo de la estructura y el crecimiento de la concha de braquiopodos actuales y fosiles." Trabajos de Geologia, 15 (1985).

Amsden, T.W.- Brachiopod biostratigraphy and paleoenvironments of Middle Paleozoic strata in the Anadarko Basin, Texas Panhandle and western Oklahoma. (in press)- & J.E. Barrick- "Late Ordovician-Early Silurian strata in the central United States and the Hirnantian Stage." Oklahoma Geological Survey; "Correlation chart and brachiopod range chart for Late Ordovician through Early Devonian strata in the southern Midcontinent region."

Archbold, N.W.- As for previous years- Western Australian and Indonesian Permian brachiopod faunas. Currently working on Western Australia strophalosiids and (with G.A. Thomas) on various spiriferid groups. (in press)- with G.A. Thomas "New Genera of Western Australian Permian Spiriferidae." Alcheringa, vol.9; with G.A. Thomas "Neospirifer and Trigonotreta (Spiriferida, Brachiopoda) from the Permian of Western Australia." Alcheringa, vol.10; with G.A. Thomas "Permian Ingelarellidae (Brachiopoda) from Western Australia and Argentina." Journal of Paleontology.

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- Baker, P.G.- Thecideidine shell structure; systematics; & phylogeny. Preservation of ontogenetic relics in adult shell fabrics.
- Bassett, M.G.- Ordovician and Silurian brachiopods from Scandinavia (Scotland, Jaemtland, Dalarna, Oestergoetland, Oslo Region); British Wenlock brachiopods; Arenig brachiopods from South Wales; Anglo-Baltic Silurian Acrotretidae. (in press)- with O.I. Nikiforova and T.L. Modzalevskaya "Review of the upper Silurian and lower Devonian articulate brachiopods of Podolia." Special Papers in Palaeontology, no. 34 (to be published July, 1985).
- Bates, D.E.B.- Arenig brachiopods of S.E. Ireland; manuscript in preparation with D.A.T. Harper.
- Boeger, H.- Phylogenetic systematics of Strophomenida. The attempt of a cladistic analysis of this order is made.
- Boucot, A.J.- Zhang Ning (doctoral student here at O.S.U.) is working on a thesis describing a rich fauna of earlier Wenlock age from Baillie-Hamilton Island in the Canadian Arctic. (in press)- joint paper with Jean Berdan and others on Eccentricocosta from northern Alabama; joint paper with varied collaborators on a small faunule from the Lower Devonian Bokkeveld Beds in a Karroo Basin borehole.
- Boullier, A.- Continuing studies on French Kimmeridgian terebratulids; Upper Jurassic brachiopods of Central Saudi Arabia. (in press)- "Les associations de Brachiopodes de l'Oxfordien superieur du Berry." Bull. Inform. Geol. Bassin de Paris, 21(4):9-20, 2 plates. (1984)
- Brice, D.- Continuing research on Givetian-Frasnian brachiopods from Ferques area (Boulonnais-France). Systematics. Biostratigraphy. Paleocology. Coordination of the collective research on the Devonian of Boulonnais (Northern France) including Algaes, Acritarchs, Foraminifera, Bryozoa, Crinoids, Bivalves, Brachiopods, Trilobites, & Pisces. Sedimentology and Tectonics. (in prep.)- "Place et morphologie des brachiopodes dans les associations benthiques du Givetien et du Frasnien de Ferques (Boulonnais)."- Essai d'interpretation paleoecologique. 1st Internat. Congress on Brachiopods. Sept. Brest (France). (in press)- "Rhynchonellida du Paleozoique de Lievin." In: Etude biostratigraphique du Siluro-Devonien du Groupe de Lievin. Collection "Biostratigraphie du Paleozoique". Ed. Univ. Bretagne Occidentale. Brest, France; "Brachiopodes de la Serre (Sud de Cabrieres-Montagne Noire) pres de la limite Devonien moyen-Devonien superieur." Hercynica (published by Soc. Geol. Miner. Bretagne, Rennes); "Compte Rendu de la Session Extraordinaire des Societes belges de Geologie dans le Paleozoique de Ferques (Bas-Boulonnais) des 6 et 7 octobre 1984." Bull. Soc. Belge de Geol. Bruxelles.
- Brunton, C.H.C.- Working on Mesozoic-Recent crinoids with D. Lee; working on 'reef' Dinantian brachiopods with D. Mundy; palaeoecology of Irish Dinantian faunas. (in press)- Carboniferous brachiopod correlations and distributions for 9th & 10th Int. Carb. Congresses; with D. Mundy- morphological similarities in some Carboniferous and Permian species.
- Butler, D.E.- "Currently no research on brachiopods."
- Calzada Badia, S.- Current research is on the genus *Sphenorhynchia*. (in press)- "Sobre algunos braquiopodos liasicos." Bol. IGME. Madrid; "Dos braquiopodos del Hauteriviense de S. Mateo (Castellon)." Bol. R. Soc. Espanola H. Nat. Madrid; "Braquiopodos del Hauteriviense de Fortuna (Murcia)." Bol. Soc. Pal. Italiana. Modena.
- Carter, J.L.- Description of the Horton Creek Formation (earliest Mississippian) brach fauna of western Illinois. Description of a new genus of Early Mississippian aulostegid brachs. Determination of the Keokuk-Warsaw boundary in the Mississippi Valley by means of brachs. Distribution, age, and correlation of the Short Creek Goliath event in the mid-continent (with Paul Brenckle). (in press)- "Lower Carboniferous brachiopods of the Banff Formation of western Alberta. GSC Bull.:" "The Lower Mississippian brachiopod genus *Punctothyris* Hyde is not endopunctate." Annals Carnegie Mus.
- Caster, K.E.- Currently off brachiopods and into Late Cambrian merostomoids from Texas. (publ.)- Boucot & Caster. "First Occurrence of Scaphioecia (Brachiopoda: Terebratulida) in the Early Devonian of the Parana Basin, Brazil." Jour. of Paleont., 58:1354-1359. (1984)- reprints available from both authors.
- Chatterton, B.D.E.- The growth and structure of the shells of Sil.-Dev. acrotretid brachiopods (with M. Murphy).
- Cocks, L.R.M.- Devonian brachiopods from the Budleigh Salterton Pebble Bed, Devon; a review of the latest Ordovician/? earliest Silurian brachiopods and other faunas from South Africa; earliest Ordovician brachiopods from Spitsbergen (with Gordon Curry and Alwyn Williams); latest Llandovery-early Wenlock brachiopods and other faunas from the Oslo region, Norway (with David Worsley). (in press)- with W.S. McKerrrow & R. St. J. Lambert "Ordovician-Devonian time scale." Spec. Iss. Geol. Soc.; with W.S. McKerrrow

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"Ordovician and silurian faunas from Notre Dame Bay, Newfoundland."; with R.A. Fortey "Review of Arenig to Llandovery Caledonide faunas."; "Biostratigraphy of the type Llandovery area."

Cohen, B.L.- Genetics of Recent brachiopods. Have received support for a post-doctoral assistant (Dr. P. Baite) in a project (joint with G.B. Curry & with help from M. Cohen) in which we measure genetic distance between populations and species of Terebratulina and other N. Atlantic living brachiopods. We aim to investigate taxonomic relationships and patterns of gene dispersal and to work towards an integrated evolutionary synthesis of genetic and palaeontological data. In addition to mt-DNA restriction mapping and gel electrophoresis of enzyme polymorphisms, we expect to characterize the chromosomes of T. retusa and will attempt to confirm the existence of a standard haploid/diploid genetic system. Will present a short paper at the Third Internat. Congress of Systematic & Evolutionary Biology, Sussex, England in July and will also attend the Brest Conference in Sept. 1985.

Collins, M.- Writing up thesis, provisional title "Carbonate production and preservation in a Modiolus/Brachiopod community."

Cooper, G.A.- (ms in prep.)- Tertiary brachiopods of Eastern United States. (finished); Jurassic brachiopods of Saudi Arabia. (nearly completed).

Copper, P.- Evolution of smooth spire-bearers & origin of Atrypida-Athyrida. Filter feeding in spire-bearers, brachiopod extinctions in the early-mid Paleozoic Anticosti brachiopods (Ord.-Sil.). Devonian Atrypida from east N. America. Field work '85' in Anticosti, Manitoulin, Hudson Bay lowlands. (in press)- with P. Racheboeuf "Atrypoids from the Massif Armoricain." Palaeontographica (1985); "Smooth Atrypoid Evolution." Palaeontology.

Curry, G.B.- Genetics of living brachiopods (mitochondrial DNA, enzyme polymorphism, chromosomes, etc. with B.L. Cohen- joint paper in prep. for Brest); Immunology of Recent and fossil macromolecules, including brachiopods (with P. Westbroek); Gonad development of Crania & Terebratulina from Scotland (Nerc- Ph.D. student due to start Oct. 1985); Brachiopod biomass (paper in prep. with A.D. Ansell, Oban, for Brest); Ultrastructure of living & fossil chitinophosphatic brachiopods; Ordovician faunas (in prep: The fauna of the Dounans Limestone, Highland Border Complex, Scotland- with A. Williams & J.K. Ingham). (in press)- with C.J. Burton "Pelagic Brachiopods from the Upper Devonian of East Cornwall." Proc. Ussher Soc.; "Lime Craig Quarry." Geology Today; "How palaeontology has changed our concepts of Scottish tectonic history." Geol. Soc. London; with F. Alvarez and C. Brime "Contribucion al estudio comparativo de la estructura y crecimiento de la concha de braquiopodos actuales y fosiles." Trabajos de Geologia.

Day, J.E.- Currently analyzing material from the Middle & Upper Devonian of southern New Mexico for paleocommunity studies- subject of my ongoing dissertation; preparing updated Middle & Late Devonian paleogeography of New Mexico & Arizona paper for the Arizona Academy of Science; currently preparing a paleocommunity analysis of the Frasnian faunas of the Martin Formation of central Arizona in conjunction with Stan Beus.

Detre, C.- General species revision of the Tethyan Middle Triassic brachiopod Coenothyris vulgaris (Schlotheim). An international computer program. (Coenothyris vulgaris Program)- taxonomical, onto-phyogenetical, ecological, cenological, evolutionodynamical, palaeostratigraphical, paleogeographical interpretations. The recent Coenothyris vulgaris team: Erika Szente- Hungary: morphological statistics; Miklos Lantos- Hungary: computer-programs; Heinz Kozur- Hungary(GDR): typology and stratigraphy; Jozef Pevny- Czechoslovakia: morphological & morphometrical investigations on Slovakian specimens; Csaba Detre- Hungary: morphogenesis, ecology, cenology & evolution. (in press)- with E. Szente and I. Lerberer-Szentes (1985) "Morphogenetical and quantitative cenological investigations on the Hungarian localities of the Middle Triassic brachiopod Coenothyris vulgaris (Schloth.)." Ann. Report Hung. Geol. Inst. 1983.

Ding Pei-zhen- Lower Permian Chilianshania from Subei, Gansu.

Dutro, J.T., Jr.- Field work in Devonian-Carboniferous of central Brooks Range, northern Alaska and Paleozoic of northeast Washington. (in prep.)- "Upper Mississippian brachiopods of Oregon and Washington"; "Brachiopod evidence for Frasnian-Famennian extinction event in United States"; "Carboniferous megafossil biostratigraphic zonation, northern Alaska" (in press)- "Upper Mississippian brachiopods from Oregon and Washington-possible biogeographic affinities" Geol. Soc. Amer. Abstracts with Programs (1985); "The Upper Devonian (Frasnian-Famennian) extinction event, as recorded by articulate brachiopods in USA". Int. Brach. Cong. Abstracts- Brest, France (1985); & Silberling, N.J.- "Megafossil biostratigraphy of some deep test wells, NPRA, northern Alaska" U.S.G.S. Prof. Paper.

Emig, C.- Grant RCP/CNRS 728 (1985-86) is dealing with ecology & paleoecology, genetics, shell microstructure, biometrical studies on recent and fossil genus Gryphus, Megerlia, Megathyris, Terebratulina, Crania (Mediterranean, Atlantic) and Lingula (New Caledonia, Iceland). Several papers of RCP members at 1st Congres International sur les Brachiopodes (Brest, Sept. 1985).

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(in press)- 2 papers in preparation on *Lingula* about fossilization, and fossil beds analysis.

Evans, K.M.- Continuation of work with J.T. Temple (Birkbeck), preparing ms. on early Llandovery brachiopods of Wales. (in press)- "The Brachiopod Fauna of the Meadfoot Group (Lower Devonian) of the Torbay Area, South Devon." Geological Journal.

Fagerstrom, J.A.- (published)- Godefroid, J. & Fagerstrom, J.A. (1985) "Le genre *Paraspirifer* Wedekind, R., 1926 dans le Devonien Moyen de la partie orientale de l'Amerique du Nord." Bull. Inst. Roy. Nat. Sci. Belgique, Bruxelles, Sciences de la Terre, 55(2):61 pages, 15 plates.

Feng Ru-lin- (ms in prep.)- "Selected papers of National Carboniferous Symposium of China."; "Tentative Discussion on the current problems of Academic idea in Biostratigraphy."; "Brief introduction Guizhou Carboniferous."

Fernandez-Ovies, C.L.- I continue with my work on the Recent brachiopod fauna from the coasts of Spain. I have submitted a communication to the 1st Internat. Cong. on Brachiopods (in collaboration with F. Alvarez) entitled "Recent Brachiopod Fauna from Asturias (NW Spain)." I am working on a revision of the brachiopods in the "Hidalgo Collection" of the Museo Nacional de Ciencias Naturales of Madrid (Spain), and I have in preparation a series of divulgative papers on Recent and Fossil brachiopods (both with F. Alvarez).

Foster, M.W.- Biology of Living Southern Hemisphere brachiopods; biology of Living brachiopods from the Azores; Paleobiology of Pennsylvanian brachiopods in Central Illinois. (in press)- Sections on brachiopods, McGraw-Hill Encyclopedia for Science and Technology.

Fouke, B.W.- The functional significance of spicule-reinforced tissues in Recent and fossil brachiopods, based on biomechanical tests of *Terebratulina unguicula* from Friday Harbor, Washington; Ecology of *Lacazella* and *Thecidellina* in Jamaica.

Gaetani, M.- I am concluding the programme on Neogene brachs. with a paper for the Brest Congress concerning environment and biogeography of Plio-Pleistocene brachs from Sicily and Calabria. (in press)- with D. Sacca "Brachiopodi neogenici e pleistocenici della provincia di Messina e della Calabria meridionale." Geol. Romana, vol. 22 (1983), 10 pls., 11 figs.; with D. Sacca "Il genere *Aphlesia* (Rhynchonellida, Brachiopoda) nel Mio-Pliocene italiano." Riv. Ital. Pal. Strat., 91(2), 3 pls., 6 figs. (1984); with D. Sacca "Brachiopodi batiali nel Pliocene e Pleistocene di Sicilia e Calabria." Riv. Ital. Pal. Strat., 90(3):407-457, 9 pls., 6 figs.

Garcia-Alcalde, J.L.- Proyecto sobre "Biostratigrafia y Cronostratigrafia del Paleozoico Precarbonifero de la Cordillera Cantabrica" (Convenio entre el Instituto Geologico y Minero de Espana y el Instituto de Geologia Aplicada de Oviedo); Proyecto para determinacion de horizontes biostratigraficos relevantes en el Devonico Inferior de la Cordillera Cantabrica, en relacion con el problema de definicion de limitotipos de pisos (promovido por la Subcomission on Devonian Stratigraphy). (in prep.)- "Origen, desarrollo y distribucion de Pradolinae n.subfam. (Athyridae, Devonico)."; "Braquiopodos e icnofosiles del Famennense de la Cordillera Cantabrica (Espana)."; "Rinconelidos del Devonico Inferior de la Cordillera Cantabrica (NO de Espana)."; "Famennian faunas of the Cantabrian Mountains (Spain)."; (in: "Late Devonian deposits around the Old Red Continent: the result of regional or worldwide events?"- International Symposium in Maastricht, Ardennes, and Rheinisches Schiefergebirge, April 1986, organised by the Societe Geologique de Belgique. (in press)- with J.R. Menendez, S. Garcia Lopez and F. Soto. "El Devonico Superior y el Carbonifero Inferior del Sinclinal de Beberino (Pola de Gordon, Leon, NO de Espana)."; with L.R. Rodriguez and J.R. Menendez, "Las series del Devonico Superior-Carbonifero Inferior y la evolucion estructural del Sinclinal de Alba (Leon, NO de Espana)."; "La extension de la Biozona de *Phlogoiderhynchus* (Braquiopoda rinconelido, Givetense terminal-Frasniense Inferior)."

Gilmour, T.H.J.- I will be attempting to rear larvae of *Lingula anatina* at the Australian Institute of Marine Science while on sabbatical leave from July 1. (in press)- "An analysis of videotape recordings of larval feeding in the sea urchin *Lytechinus pictus* Verrill." Can. Jour. Zool.

Gourvenec, R.- The thesis is continuing on the spiriferids of the lower Devonian (W. Europe). (ms. finished)- Revision de "Spirifer" rousseaui; Morphologie des epines chez les Delthyrididae. (ms. in prep.)- Le genre *Vandercammenina* dans le Massif Armoricain au Siegenien. (in press)- "Le genre *Howellia* en Europe de l'Ouest au Siluro-Devonien."

Grant, R.E.- Permian stratigraphy of Hydra Island, Greece (with M.K. Nestell); Permian brachiopods of Hydra Island, Greece; Permian brachiopods of Khios Island, Greece; Conodont biostratigraphy and petrofabrics of Permian carbonates in the Glass Mountains, Texas, with B.R. Wardlaw. (in press)- "Brachiopods of Enewetak Atoll, Marshall Islands."; "Phylum Brachiopoda." (chapter in text-book, edited by Boardman, Cheetham & Rowell) with A.J. Rowell.

Gratsianova, R.T.- (in press)- E.A. Yolkin, N.K. Bakharev, R.T. Gratsianova & V.A. Zheltonogova "K utochneniyu skhemy stratigrafii nizov devona na severo-vostochnom sklone Salaira." V knige: 'Biostratigrafija i biogeografija paleozoja Sibira'. Izdanie Instituta geologii i geofiziki SO AN SSSR, 1985; E.A. Yolkin, J.A. Talent & R.T. Gratsianova "Osnovnye problemy taksonomii i biostratigrafii v svyazi s paleobiogeograficheskim rajonirovaniem." Geologia i geofizika, no.11 (1985); J.A. Talent and R.T. Gratsianova "Cyrtospiriferidae: nekotorye taksonomicheskie trudnosti i biostratigraficheskie vyvody." Geologia i geofizika, no.12 (1985).

Gupta, V.J.- Continued working on the Palaeozoic brachiopods from different parts of the Himalayas. Presently working on a manuscript entitled "Devonian brachiopods from Ladakh and Spiti." Undertook field work in the Shyok Valley of Karakoram and Zaskar Valley of Ladakh. (in press)- "Austriellula angulifrons (Bittner, 1890) from the Upper Carnian limestone of Spiti, Himalaya, India." Mem. Ind. Geol. Assoc., vol.1; with M.E. Brookfield "Permian fossils from the Shyok melange, near Shigar Baltistan, Pakistan." Bull. Ind. Geol. Assoc., 17(1); "On the age of the Sulcacutus Beds of Spiti, H.P. based on Bajocian-Bathonian brachiopods." Jour. Geol. Soc. Ind., 25(5); "Halorellia stoliczkaei Suess, 1894 from Ladakh, India." Bull. Ind. Geol. Assoc., 17(1). Likely to undertake field trip in parts of Ladakh and Spiti in 1985 & 1986.

Hadley, F.E.- (in prep.)- New Brachiopod Genera and Species from the Lower Mississippian Borden Delta of Indiana (USA).

Hammen, C.S.- Started to examine Glottidia pyramidata for evidence of sulfate adenylyltransferase activity. Results were not conclusive. Plan to continue when I can obtain more animals.

Hammond, L.S.- Genetic structure of Lingula populations from Indo-West Pacific. Revision of extant Lingulidae and Discinidae. Genetic structure of extant Austral brachiopod species.

Harper, D.A.T.- (in press)- D.L. Bruton & D.A.T. Harper (1985) "Early Ordovician (Arenig-Llanvirn) faunas from oceanic islands in the Appalachian-Caledonide Orogen." In: D.G. Gee & B.A. Sturt (eds.), 'The Caledonide Orogen- Scandinavia and related areas.' Wiley, Chichester; N-M. Hanken & D.A.T. Harper (in press) "The taxonomy, shell structure and palaeoecology of the trimereiid brachiopod Gasconsia Northrop." Palaeontology; D.A.T. Harper, A.W. Owen & S.H. Williams (in press) "The stratigraphy and faunas of the upper Caradoc Nakholmen Formation, Bunnefjord, Oslo." Norsk Geol. Tidsskr.; D.A.T. Harper, I. Gunby & J. Naterstad (in press) "Cambrian and Ordovician fossils from the Hardangervidda Group, southern Norway." Norsk Geol. Tidsskr.; B.G. Baarli & D.A.T. Harper (in review) "Relict Ordovician brachiopod faunas in the Lower Silurian of Asker, Oslo Region." Palaeogeogr. Palaeoclimatol. Palaeoecol.; D.A.T. Harper & D.L. Bruton (in review) "Geology and paleobiology of islands in the Ordovician Iapetus Ocean: some thoughts and comments." Bull. Geol. Soc. Amer.; D.L. Bruton & D.A.T. Harper (in review) "Arenig-Llandovery stratigraphy and faunas across the Scandinavian Caledonides." Geol. Soc. Lond.; (on-going research) with H. Carlisle- Systematic description and ecostratigraphy of various brachiopod faunas in County Waterford, S.E. Ireland; with W.I. Mitchell- Brachiopod faunas from the Ordovician rocks of Kilbucho and Wrae Hill, Southern Uplands of Scotland; with L. Craig- Inarticulate brachiopods from upper Ordovician black shales in County Down, N. Ireland and the Southern Uplands of Scotland; (research in progress)- Monographic research on the middle and upper Ordovician brachiopods of the Oslo Region together with comparable material from Sweden; with D.L. Bruton & A.W. Owen- Stratigraphy of the Ordovician rocks of the Oslo Region.

He Xilin- "I am devoting the boundary of Carboniferous and Permian systems at the present time." (in press)- A paper (New Advances of studies on the Late Paleozoic Stratigraphy in North China Platform) for the Tenth International Congress Carboniferous Stratigraphy and Geology (1983) will be published in Spain of this year, and a Chinese text has been published in the Journal of our institute in March (1985).

Hiller, N.- South African Recent brachiopods; Lower Devonian Chonetacean brachiopods from the Bokkeveld Group, South Africa; Development of growth lines on brachiopods.

Holmer, L.- (ms. in prep.)- "Upper Ordovician inarticulate brachiopods and other microfossils from Vaestergoetland, southern Sweden." (Ph.D. thesis)- "Middle Ordovician inarticulate brachiopods from Dalarna and Vaestergoetland." (in prep. for 1987).

Hondt, J.-L. d'- Comparative study between populations from Mediterranean Sea and Atlantic by electrophoresis (Gryphus, Terebratulina); Systematic study of bryozoa and brachiopods from New Caledonia; Detection of digestive enzymes in brachiopods. (publ.)- "Bryozoaires epibiontes du Brachiopode Articule Gryphus vitreus (Born, 1778) en Mediterranee Occidentale (Corse)." Vie et Milieu, 34(1):27-33 (1984); (in press)- "Etude de l'intestin et de la glande digestive de Terebratulina retusa (L.) (Brachiopode). III: Observations radioautographiques." Bull. Soc. Zool. Fr., 3 (1984); "Bryozoaires et Brachiopodes. In: Encyclopedie du Present "Clartes", Paris (1985).

Hoverd, A.- Research on Notosaria nigricans continuing in addition to studying the occurrence of Terebratella sanguinea in

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- Wellington Harbour, N.Z.: the effects of predation and work on variable shape of *T. sanguinea*, a comparison between geographical locations. (in press)- "Histological and ultrastructural observations of the lophophore and larvae of the brachiopod *Notosaria nigricans* (Sowerby, 1846)." *Journal of Natural History*, London, England. I hope to be able to attend (depending on finance) the congress in Brest, Sept. 1985, and have sent off my Abstract "The adult lophophore of *Notosaria nigricans*" and one for a poster entitled "*Notosaria nigricans* and *Terebratella inconspicua*, two of New Zealand's many accessible living brachiopods".
- Hu Shi-zhong- No field work has been done this year. (in prep.)- "The boundary of upper and lower Permian in South China." (in press)- "Recognition of Tongwu movement."
- Hurst, J.M.- Ludlow brachiopods of the Welsh borderland, England; Lower Caradoc brachiopods of Shropshire, England. (in press)- with R.K. Pikerill "The Relationship between Sedimentary Facies and Faunal Associations in the Llandovery Siliciclastic Ross Brook Formation, Arisaig, Nova Scotia." *Canadian Journal of Earth Sciences*.
- Jin Suhua- "I plan to carry out research on Paleozoic brachiopod fossils of Northern Tibet in 1985-1988." (in press)- Early Carboniferous (Tournasian) Fossil Brachiopod from Qingshuigou of Baoshan County, Yunnan; Early Carboniferous Brachiopod Fauna in Baoshan and Shidian, Yunnan.
- Jin Yu-gan- The Carboniferous & Permian in Northern Xinjiang; Carboniferous brachiopods of Northern Xinjiang; Permian brachiopods from Guangxi; Field work in northern Xinjiang and the Tianshan Mountains. (in press)- "Brachiopods from the Eastern Xizang Tibet."; "The Liangshanian brachiopods from Yunnan with notes on the Liangshanian paleogeography of South China."; "On the Lochengidae."; "Permian brachiopods of Qinghai-Xizang Plateau."
- Johnson, J.G.- Relation of brachiopod evolution to Devonian sea-level fluctuations. (in press)- "Revision of Lower Devonian (Emsian) brachiopod biostratigraphy and biogeography, central Nevada." *Jour. Paleontology*.
- Johnson, M.E.- Sea-level events in the Interlake Group (Silurian Llandovery Series) of Central Manitoba; Depth associated communities?: Transgression of an early Silurian rocky shore (Hudson Bay). (in press)- with J.Y. Rong and X.C. Yang "Inter-continental correlation by sea-level events in the lower Silurian of North America and China (Yangtze Platform)." *Bull. Geol. Soc. Amer.*; "A.W. Grabau and the fruition of a new life in China." *Jour. of Geol. Education*. I continue to be very interested in using a variety of other fossil groups and physical evidence to test the notion of depth-associated brachiopod-dominated communities.
- Jux, U.- Middle and late Devonian brachs (mainly spiriferids) were collected by M. Taghi Memarian (Ph.D. candidate) along detailed stratigraphic sections in the provinces of Bafgh (Kuschik) and of Kerman (Hojedk) of central Iran (1984). The well preserved material presents a reliable base for both biostratigraphic and paleogeographic conclusions on the Devonian of Iran as the region forms a link between fossiliferous Devonian deposits in the Elburs and Hindukush mountains. (in press)- with M. Kora (Mansoura, Egypt) "On the early Carboniferous macrofauna from the Um Bogma Formation, Sinai." *Neues J. Geol. Palaeont. (Stuttgart)*.
- Kalashnikov, N.V.- Continued research on the Permian brachiopods of the European North of the USSR. (in prep.)- Genus *Cyrtella* Fredericks (with A.D. Grigorjeva). Field work (1985)- The expedition on the Middle Urals (Tschussovaja river) for study of Asselian sections of the Permian system and to collect brachiopods. (in press)- Atlas Permian fossils of the Russian platform. Nedra, Leningrad, 1985 (in co-authorship); New data on the stratigraphy of Carboniferous deposits on the Kanin peninsula. Syktyvkar, 1985 (in co-authorship).
- Kiets, A.G.- Early Permian spiriferids of South Verchojanje. (in prep.)- Stratigraphic significance of Elythidae for Carboniferous and Permian deposits of Khabarovsk region.
- Koch, W.F.- (in prep.)- "Eifelian-Givetian paleobiogeographic boundary fluctuations in North America."; "Ambocoelia praeumbona Hall, 1857 (Brachiopoda) is an Emanuella."; "Paleogeography and brachiopod community paleoecology of strata correlative with the Esopus and Schoharie Formations (Emsian) of New York in eastern North America." (in press)- "Delthyris sculptilis Hall, 1857 (Brachiopoda) from the Middle Devonian Hamilton Group is a Megakozłowskiella."; "The distribution of Phacops rana in eastern North America: A paleobiogeographic view."
- Kozur, H.- I will take part in the *Coenothyris vulgaris* program (typology & stratigraphy). Furthermore, I am interested in Permian and Triassic Lingula, above all ecological questions and in Triassic deep water brachiopods (Paleoecological problems only).
- Kulkov, N.P.- I am dealing with the monographical description of the Upper Ordovician and Lower Silurian brachiopods from Altai

- region, where was established the Ordovician-Silurian boundary by N.P. Kulkov & L.G. Severgina. (in press)- with L.G. Severgina "The Ordovician-Silurian boundary in Altai region." Proceedings Academy of Science USSR, Geological Series.; "Tuvaechonetes- new genus of the Upper Silurian brachiopods." Doklady Akademii Nauk SSSR, 278(5):1125-1126. (this new genus combines the features of strophomenids and chonetids.
- LaBarbera, M.- Studies on the scaling of lophophore area, pumping abilities, and metabolic rates in living articulate (Terebratalia, Terebratulina, Hemithyris, Laqueus, Argyrotheca, Thecidellina, Lacazella) and inarticulate (Crania, Discinisca, Glottidia, Lingula) genera. (in press)- "Mechanisms of spatial competition on Discinisca strigata (Inarticulata: Brachiopoda) in the intertidal of Panama." Biol. Bull. (1985)
- Lacourt, A.W.- (in press)- "De fossiele Brachiopoda van Z.W. Nederland met aantekeningen over Terebratula grandis Blumenbach." (The fossil brachiopoda of southwestern Netherlands with notes of Terebratula grandis Blumenbach.) In: Vita Marina Brachiopoda: 9-52.
- Langenheim, R.L., Jr.- Continuing field and laboratory work on the brachiopod fauna of the Bird Spring Group in Clark County, Nevada. Was in the field in January, 1985 with 4 students working on MS and BS theses.
- Laurie, J.R.- Field work in the Amadeus Basin of central Australia (Camb.-Ord.). (work in progress)- lower Ordovician brachiopods of Digger Island, Victoria; redescription of Spanodonta hoskingiae; Lower Ordovician brachiopods of the Horn Valley Siltstone, central Australia; Phosphatic fossils of the Lower Cambrian Todd River Dolomite, central Australia; (in prep.)- "Ordovician and Silurian brachiopods of Tasmania." (paper submitted)- "The musculature and mantle canal system of Paterinids." (in press)- with J. Shergold "Phosphatic organisms and the correlation of Early Cambrian carbonate formations in Central Australia." Brachiopod work does not seem to have progressed much, largely due to most of the last year having been taken up with Middle Cambrian agnostid trilobite taxonomy and biostratigraphy.
- Lazarev, S.- Phylogeny & classification of the Productacea. (in prep.)- "Origins of the productids." (in press)- "Productacea with and without a hinge- an evolutionary phenomenon at the end of the Devonian." Paleontol. Zhurnal; with V.I. Pushkin "Famennian Productellidae of Belorussia." Paleont. Zhurnal.
- Lenz, A.- Working on variations in morphology of large, silicified collections of Dicaelusia and Epitomyonia from the Silurian (Wenlock & Ludlow) of the central Arctic Islands, Canada.
- Lesperance, P.J.- Intraspecific variation in selected Lower Devonian brachiopods from Gaspé (Quebec). Large collections, in part silicified, from very thin horizons (10-30 cm); with a graduate student. (in press)- "Faunal distributions across the Ordovician-Silurian boundary, Anticosti Island and Percé, Quebec, Canada." Canadian Journal of Earth Sciences (? Aug. 1985).
- Li Ru-ning- Brachiopod research in the coal series of the late Permian in south China in 1984.
- Liu Ya-guang- "In 1984, I plan to study the micro brachiopods in the Lower Series of the Triassic System in Jiangxi Province, China."
- Logan, A.- CANCAP IV brachiopod identifications from Cape Verdes & Canaries- Recent specimens dredged by Dutch workers from Leiden; Tertiary brachiopods from Dominican Republic (Dominican Republic Project).
- Lowenstam, H.A.- Mineralogy of the mineral constituents and fabric relations of the crystals to the organic fraction and the composition of the organic fraction in linguloid brachiopods.
- Lu Tong-chen- "The research of the boundaries of Ordovician and Silurian and the brachiopod fauna in Hua-Yin-San, Li-zhi-ya in Sichuan, China in 1984."
- Mackinnon, D.- Aspects of the morphology and paleoecology of the Tertiary brachiopod Magadina Thomson (Terebratellacea); Devonian brachiopods of Reefton, New Zealand. (in press)- "New Zealand late Middle Cambrian molluscs and the origin of Rostroconchia and Bivalvia." Acherlinga.
- Melou, M.- Orthida des gres eodevoniens de la region occidentale du Massif Armorica. Brachiopodes caradociens et ashgilliens de Bretagne occidentale. (in press)- "Revision d'Orthis berthois ROUAULT, 1849. Orthida (Brachiopoda) de l'Ordovicien du Massif armorica. Geobios; "Brachiopodes Orthida." In: Siluro-devonien de Lievin. A paraître dans la collection: Biostratigraphie du Paléozoïque.

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- Mergl, M.- Devonian terebratulids in Bohemia; Craniopsidae in Central Bohemia (Upper Ordovician-Silurian). (in press)-
"Cryptonella (Cryptonellacea, Brachiopoda) from the Lower Devonian of Prague Basin."
- Michalik, J.- Anisian/Ladinian brachiopod distribution and ecology; a brachiopod faunule of Kopieniec Formation (Hettangian); brachiopods of Lower Cretaceous pelagic carbonate deposits in Western Carpathians. (in press)- with K. Zagorsek "Biostratigraphy. lithofacial development and fauna of the Badenian sediments in the Devin-Zahradky section near Bratislava." Geol. Prace, Spravy (Bratislava); with M. Kochanova "Stratigraphy and macrofauna of the Zamostie Limestone Formation (Upper Pelsonian- Lower Illyrian). Choc nappe on southern slopes of the Nizke Tatry Mts. (Western Carpathians)." Geolog. zbornik, Geol. Carpathica (Bratislava).
- Munoz, J.- Brachiopods of the Upper Cretaceous from the Prepyrenees (NE of Spain).
- Musteikis, P.- Continuing research on Silurian Enteletacean brachiopods, started with brachiopod communities investigations from the Silurian of Lithuania. (in press)- Results of quantitative stratigraphic correlation in the Silurian of Lithuania: brachiopods.
- Nakamura, K.- (ms. in prep.)- with J. Tazawa "On an aberrant Permian brachiopod genus Permianella, and its additional occurrence in Japan." (published)- with D. Shimizu and Z.-T. Liao (1985) "Permian paleobiogeography of brachiopods based on the faunal provinces." In: K. Nakazawa & J.M. Dickens (eds.). "The Tethys- her paleogeography and paleobiogeography from Paleozoic to Mesozoic"; Pakistani-Japanese Research Group (1985) "Permian and Triassic Systems in the Salt Range and Surghal Range, Pakistan." In: K. Nakazawa & J.M. Dickens (eds.) "The Tethys- her paleogeography and paleobiogeography from Paleozoic to Mesozoic".
- Nekvasilova, D.- Continuing research on Lower Cretaceous Terebratulidina from Stramberk, Czechoslovakia and Upper Cretaceous Thecideidina from the Bohemian Cretaceous Basin, Czechoslovakia. (in press)- "Smirnovaena gen. nov. (Brachiopoda, Terebratulidina) from the Lower Cretaceous of Stramberk."; "Internal characters of Criniscus strambergensis (Nekvasilova, 1982) from the Lower Cretaceous of Stramberk." Housa & Nekvasilova: Epifauna cemented to corals and bivalves from the Tithonian of Stramberk (in this epifauna thecideidina brachiopods prevail).
- Neuman, R.B.- Ordovician brachiopods, Norwegian Caledonides (Holanda area, in prep., Stord area) and northern Appalachians (central Newfoundland, northern Maine). (in press)- with A.R. Palmer & J.T. Dutro, Jr., "Paleontological contributions to Paleozoic paleogeographic reconstructions of the Appalachians." In: R.D. Hatcher, Jr., W.A. Thomas & G.W. Viele, eds., "The Appalachian/Oachita regions, U.S." Geological Society of America Synthesis Volume F-2; "Paleontological evidence bearing on the Arenig-Llandovery development of the Iapetus ocean basin." In: A.D. Harris & D.J. Fettes, eds., "The evolution of the Caledonides Appalachian orogen." Geological Society of London Special publication.
- Ni Shizhao- "Study English from March to July; Research of conodonts from Cambrian-Ordovician boundary of some section, South China." (in press)- Lower Paleozoic conodonts from east area of Yangzi Georges (= Yangtze Georges). In: The Biostratigraphy of east area of Yangzi Georges, vol. 2.
- Nullo, F.- "Ordovician brachiopods (Arenigian) from the San Juan Formation at Talacasto, Argentina." Presente to 1st International Congress on Brachiopods. (in press)- "Braquiopodos Ordovicos del area precordillerana Argentina Primeras Jornadas sobre geologia del la Precordillera."
- Ovtsharenko, V.N.- Field work in the Southeastern Pamirs. (in prep.)- The Jurassic brachiopods of the Pamirs; Callovian brachiopods of the Pamirs. (in press)- "About dimorphism of arm supports of terebratulids on example of representatives of the genus Kitchinithyris Ovtsharenko, gen. nov.": "An attempt of study of the fossil mutants in the transitional population of the Jurassic terebratulids."; "Some new brachiopods from the Jurassic of the Pamirs."
- Palmer, A.R.- "Nothing on brachs."
- Pelman, Yu.L.- Middle and Upper Cambrian inarticulate brachiopods from Siberian plate; field work on the Cambrian sequences from the river Kotuj and Kuznezky Alatau. (in prep.)- Microstructure of Cambrian inarticulate brachiopods; Classification of the order Acrotretida. (in press)- with V. Pereladov- Stratigraphy and Brachiopods from Early-Middle Cambrian on the river Arga-Sala (South Preanabarje); with V. Ermak- Some Mollusca and Brachiopoda from Cambrian on the North Chara-Ulach; with V. Ermak- New dates from stratigraphy of the Ustj-Kundatskaj sveeta Kuznezky Altay.
- Pevny, J.- Lower Jurassic brachiopods- rhynchonellids and zeillerids; Lower Jurassic brachiopods from the Male Karpaty Mts.; Triassic brachiopods as index fossils.

Plodowski, G.- Brachiopods from the uppermost Devonian of the Taurus Mountains, Turkey.

Poletaev, V.I.- Mainly- the problems of the Carboniferous biostratigraphy of the Donets Basin and Dnieper-Donets Depression. Additionally- revision of classification of the Middle and Lower Carboniferous spiriferids of the Donets Basin. I am preparing the paper on revision of Neospiriferids and Spiriferellinae. (in press)- "The choristit-like spiriferids. Revision of the Muneillinae Frederics subfamily, Parachoristites genus and a new genus of Larispirifer."

Pope, J.K.- (ms in prep.)- "Silicified Rafinesquina from the Middle Ordovician of Kentucky." Am still working on this frustrating project. The details have been gathered; the manuscript is well advanced and progressing.

Popov, L.Ye.- Brachiopods from the anderken & dulankara horizons (Middle to Upper Ordovician) of the South Kazakhstan (together with I.F. Nikitin); Upper Ordovician inarticulate brachiopods from the Central Estonia (together with J. Nolvak); The secondary changes of the shell-structure in the phosphate-shelled inarticulate brachiopods (together with G.T. Ushatinskaja); The Cambrian and Lower Ordovician stratigraphy and inarticulate brachiopods on the East Baltic (together with K.K. Khazanovitch); The early history of articulation in brachiopods. Field work in Kazakhstan. (in press)- "Cambrian inarticulate brachiopods from the Nowaja Zemlja (north-west part of the South Island)." with W.Ju. Gorjansky "The origin of the carbonate-shelled inarticulate brachiopods." with V.I. Pushkin "On the Middle & Upper Ordovician Brachiopods from Belorussia."; with S.P. Koneva "The Upper Cambrian and Early Ordovician inarticulate brachiopods of the family Acrotretidae from Malyi Karatau, Kazakhstan.

Potter, A.W.- Continuing work on Ordovician brachiopods from northern California and Alaska.

Prozorovskaya, E.L.- Jurassic brachiopoda of the Caucasus and Middle Asia. External and internal morphology. The correlation of brachiopod assemblages and ammonite zones. Biochemical study of the brachiopod shells. (in press)- "The first occurrence of Tithonian brachiopods on the West of Middle Asia."; "Jurassic of the South part of the Transcaucasus."

Racheboeuf, P.R.- (in prep.)- Chonetacea (Brachiopodes) du Devonien d'Allemagne. 1ere partie: revision des especes du Devonien inferieur de l'Eifel (in collaboration with Dr. G. Fuchs); Les Chonetes de l'Ordovicien superieur de l'ile Anticosti (Province de Quebec, Canada) et le probleme de l'origine de la Superfamille Chonetacea BRONN, 1862 (in collaboration with Dr. Paul Copper); Le Groupe de Lievin, Pridoli- Lochkovien de l'Artois (Nord de la France)- P. Racheboeuf, edit., Biostratigraphie du Paleozoique, 3 (Issue June 1985). (in press)- with P. Copper "Devonian Atrypoid brachiopods from the Armorican Massif, northwestern France." Palaeontographica; with L. Branisa "New data on Silurian and Devonian chonetacean brachiopods from Bolivia." Journal of Paleontology; "Brachiopodes Chonetacea." In: Le Devonien du Boulonnais, D. Brice editor; "Late Early and Early Middle Devonian chonetacean brachiopods from Bathurst, Devon and Ellesmere Islands, Canadian Arctic Archipelago." Bull. Geol. Surv. Canada; "Approach to Wenlockian-Lochkovian marine benthic communities from the Armorican Massif (W. France) and Artois (N. France)." In: a book by A.J. Boucot, editor.

Racki, G.- Brachiopods and ecostratigraphy of the Givetian and Frasnian of the Holy Cross Mts. and Silesia; Comparative brachiopod ecology of the Devonian and Jurassic carbonate buildups ("reefs"). (in press)- "A new atrypid brachiopod, Desquamatia macroumbonata sp. n., from the Middle to Upper Devonian boundary beds of the Holy Cross Mts." Acta Geol. Polon., 35(1-2); with E. Gluchowski & J. Malec "The Givetian to Frasnian succession at Kostomloty in the Holy Cross Mts., and its regional significance." Bull. Acad. Polon. Sci., Ser. Sci. de la Terre, 33(3-4)- with preliminary data on the rich brachiopod faunas; "Brachiopod ecology of the Devonian carbonate complex, and problem of brachiopod oligohalinity." First Intern. Congr. Brach., Brest.

Radulovic, V.- Middle Jurassic brachiopods of Laz (Yugoslavian Carpatho-Balkanides); Middle Jurassic brachiopods of Yugoslavian Carpatho-Balkanides. (in press)- E.S. Tchorschewsky & V. Radulovic "New data on the Middle Jurassic terebratulids (Brachiopoda) of the Carpatian (SSSR) and the Carpatho-Balkanides (Yugoslavia)."; "A new family and genus of Terebratulida (Brachiopoda) from the Upper Bajocian-Bathonian of the Yugoslavian Carpatho-Balkanides."

Rong Jia-yu- Early Ashgillian brachiopods of Central and Southwestern China (including field work and manuscript in prep.). Silicified brachiopods of the Hirnantia fauna of Yanzikou, Bijie, NW Guizhou. (in press)- "State of the current Silurian Stage in China." Jour. Stratigr. 9(2); Wang Yu & Rong Jia-yu "Yukiangian (Emsian, Early Devonian) Brachiopods (i.e. tonkinensis fauna) in Nanning-Liujing District, Central Guangxi, S. China." Palaeont. Sinica; Wang Yu, Rong Jia-yu and Chen Xiu-qin "Early Late Emsian Brachiopods in C. Guangxi, S. China." Memoirs, NIGP; with Xu Han-kui "Latest Ordovician Hirnantia Fauna of Northern Tibet." with Su Yang-zheng and Li Wen-guo "Brachiopods of Late Silurian of the Baterobo area, Inner Mongolia."; with Zhang Yan and Chen Xiu-qin "Pridolian-Lochkovian brachiopods in Western Qinling."; Mu En-zhi, A.J. Boucot, Chen Xu and Rong Jia-yu "Correlation of Silurian Rocks of China." Geol. Soc. America Spec. Paper. (published)- (1984) "Distribution of the Hirnantia fauna and its

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- meaning." In: D.L. Bruton (ed.) 'Aspects of the Ordovician System.' Pages 101-112. Palaeontological Contributions from the Univ. of Oslo, No. 295, Universitetsforlaget; (1984) "Ecostratigraphic evidence of the Upper Ordovician regressive sequences and the effect of glaciation." Jour. Stratigr., 8(1):19-29 (in Chinese with English abstract); (1984) "Brachiopods of Latest Ordovician of Yichang, Western Hubei, Central China." In: Nanjing Inst. Geol. Palaeont. (ed.), 1984. Stratigraphy and Palaeontology of Systemic Boundaries in China, Ordovician-Silurian Boundary (1):111-176 (in English); (1984) with Su Yang-zheng and Li Wen-guo "Baterospirifer, a New Genus of late Silurian Eospiriferid Brachiopod." Acta Palaeont. Sinica, 23(1):62-68; (1984) with M. Johnson and Yang Xue-chang "Early Silurian sea-level changes of the Upper Yangtze Platform." Acta Palaeont. Sinica, 23(6):672-694; (1984) Wang Yu, A.J. Boucot, Rong Jia-yu and Yang Xue-chang "Silurian and Devonian biogeography of China." Geol. Soc. Amer. Bull., 95: 265-299.
- Roomusoks, A.K.- Brachiopods of the genera *Trigrammaria* and *Microtrypa* in the Ordovician of Baltoscandia.
- Rosenberg, G.D.- Growth increments in living and fossil brachiopods (from Washington State and Indiana, respectively).
- Rowell, A.J.- Fieldwork: Upper Cambrian brachiopods in Nevada; Cambrian of the Nimrod-Byrd sector of the central Transantarctic Mountains. (in prep.)- Middle Cambrian brachiopods of Peary Land, North Greenland; Upper Middle Cambrian and Lower Upper Cambrian brachiopods of the Great Basin, United States; Larval dispersion of some Paleozoic brachiopods. (in press)- "The distribution and inferred larval dispersion of *Rhondellina dorei*: a new Cambrian brachiopod (Acrotretida)." Journ. of Paleontology. "The evolutionary significance of *Nisusia sulcata*, an early articulate brachiopod." Journ. of Paleontology; "A billingsellacean from the Minaret Formation of the Ellsworth Mountains, Antarctica." In G. Webers, Geology of the Ellsworth Mountains. Memoir Geol. Soc. America; with R.E. Grant, "Brachiopoda." In: Boardman, Cheetham and Rowell, eds., Invertebrate Fossils.
- Ruggiero, E.T.- Quaternary brachiopods from S. Italy: biostratigraphy, shell ultrastructure, population structure, evidence of predatory and parasitic; Ecology of some Thyrrenian Sea brachiopods; Liassic brachiopods from Longobucco (S. Italy) & Gran Sasso D'Italia.
- Sacca, D.- A small paper concerning the occurrence of *Megerlia echinata* in the Pleistocene. (in press)- "Variabilit  del brachidio in *Gryphus minor* (Philippi). Terebratulida, Pleistocene." Riv. Ital. Pal. Strat., 91(1), 2 pls., 8 figs.
- Sandy, M.R.- (1985-86) I am involved in research on aspects of selected palaeoenvironments (both marine and non-marine), their sedimentology, palaeontology and ichnology) from the Jurassic, Cretaceous and Carboniferous of Europe. I maintain my interest in brachiopods, especially Kimmeridgian to Hauterivian representatives. I shall attend the First International Congress on Brachiopods at Brest, France, September 1985, where I hope to present a paper on the method of taking transverse serial sections of brachiopods. (in press)- "Brachiopods from the Jurassic Abbotsbury Ironstone, Abbotsbury." Proc. of the Dorset Natural History and Archaeological Society; "Lower Cretaceous brachiopods from Provence, France and their biostratigraphical distribution." Bull. of the British Museum (Natural History), London (Geology).
- Savage, N.M.- Late Devonian brachiopods from Wadleigh Island, S.E. Alaska; Pennsylvanian brachiopods from the Klawak Formation, S.E. Alaska.
- Sheehan, P.- Communities in the Ordovician & Silurian of the Eastern Great Basin and monographs of the brachiopods; Late Ordovician & Early Silurian Virganiids of North Greenland; Lower Devonian communities of Eastern Gasp , Quebec. (in press)- "Late Ordovician brachiopods from the region of the Sambre and Meuse Rivers, Belgium." Inst. Roy. Sci. Nat. Belgique, Memoire.
- Siblik, M.- Continuing study of Upper Triassic brachs of Slovakia, including field work. (in prep.)- Triassic brachiopod volume for Catalogus Fossilium Austriae. (in press)- "Karnian rhynchonellid brachiopods from the Slovak Karst area." Zapadne Karpaty, Paleontologia (publ. in Bratislava); "Triassic brachiopods from Aghdarband, NE Iran." Abhandl. Geol. Bundesanst. (Wien).
- Smirnova, T.- "Research of the lower Cretaceous brachiopods of the East of USSR. The field work will be possible in Kamchatka." (in press)- The first finding of lower Cretaceous brachiopods in the Far East (Sichote-Alin); The ontogenesis of the loop of some Permian terebratulids.
- Smith, G.P.- Organization of field trip to Arctic islands to examine Devonian outcrops, August, 1987; Study of U. Devonian Swan Hills Reefs, Alberta, Canada. (in prep.)- "Anatomy and Evolution of a Lower Devonian Carbonate Buildup, Ellesmere Island, Arctic Canada." (in press)- "The Distribution of Lower Devonian Carbonate Buildups in Time and Space." Bull. Canadian Petrol. Geol.; with B. Jones, "Taxonomy and Distribution of Brachiopods in the Devonian Eids Formation of S.W. Ellesmere Island, Arctic Canada." Jour. Paleontology; with B. Jones, "Paleoecology of the Brachiopod Faunas in the Devonian Eids Formation of S.W. Ellesmere Island, Arctic Canada." Jour. Paleontology.

- Sremac, J.- Upper Permian brachiopods from the Velebit Mt.; Upper Permian brachiopods from western Serbia (Yugoslavia). (in prep.)- Middle Permian brachiopods from the Velebit Mt. (Croatia, Yugoslavia). Several new taxa including the new family Ramovsiinidae (Strophalosiaceae) in the Middle Permian of Croatia.
- Stepanova, G.A.- (author's abstracts)- "Biostratigraphy and brachiopods of the Upper Devonian of the Magnitogorsk synclinorium."; "Zone of Zdimir pseudobaschkiricus and the reef structures of the Middle Devonian of the Southern Urals." (in press)- "Boundary of the Middle and Upper Devonian in the Southern Urals."
- Su Yangzheng- Field work (1985) in eastern Nei Mongol and Jilin Province, China. (in press)- "Silurian Beds in Northwest part of Xiaohinggan Ling."- will be published in 'Contributions to the Project of Plate Tectonics in Northern China.'
- Sucic-Protic, Z.- Middle Liassic Zeilleriidae of Yugoslav Carpatho-Balkanids.
- Tazawa, J.- Carboniferous brachiopods of Northeast Japan; *Attenuatella* (Permian Brachiopoda) from Japan. (in press)- "Striatifera and Gigantoproductus from the Lower Carboniferous of Fukuji, central Japan."
- Tchorszewsky, E.S.- Jurassic Terebratulida: morphology, microstructure of the shell, biogeochemistry, paleozoogeography, phylogeny, and systematics; Permian terebratulids with N.V. Glushenko (long term theme). (in press)- "A Structural-functional analysis of the shell of the Jurassic Terebratulida (Brachiopoda)."; "New data on the shell structure and distribution of the genus *Rhapidothyris*."; "On the systematics of the sulcate Terebratulida (Brachiopoda): two new genera of Early Jurassic sulcate (nucleatopod) terebratulids from the Lower Jurassic of the Carpathians and Transcaucasus."; "Some new data on the shell structure and systematics of the Tithonian Terebratulida (Brachiopoda) of the Peninsk zones of the Carpathian crags."- 3 new genera are described.; "New data on the Early Jurassic Cancellothyrididacea (Terebratulida)."- 2 genera are described, one of them new- *Cooperithyris*.; "Jurassic Pygopidae (Terebratulida, Brachiopoda) of the USSR."- data are presented on 7 species of the genus *Antinomia* and 1 species of *Pygope*, the conclusions of I. Dieni & F. Middlemiss (1981) on the invalidity of the genus *Antinomia* are doubted.; "Jurassic Nucleatidae (Terebratulida, Brachiopoda) of the USSR."- about 15 species of the genus *Linguithyris* Buckman are described which first appeared in the territory of the USSR, a new genus, *Buckmanella*, is separated from the genus *Nucleata*.
- Tchoumatchenco, P.- Field work in Northwest Bulgaria- stratigraphy of the Jurassic in the bores based on brachiopods and other fossil groups (together with other colleagues). (in prep.)- On the new taxa Jurassic brachiopods from North Algeria; Repartition paleoecologique des brachiopodes Jurassiques des Monts de Tiaret et de l'Ouarsens occidental (Algerie). (in press)- "Stratigraphy of the Callovian and Upper Jurassic rocks in Southwestern Bulgaria."- with other colleagues (in Russian); "Les zones de brachiopodes du Jurassique de l'Algerie du Nord et leur correlation avec les zones de brachiopodes bulgares."
- Temple, J.T.- Currently (with the help of K.M. Evans) preparing for publication of a monograph on Early Llandovery brachiopods of Wales.
- Tesmer, I.H.- History of geology of westernmost New York State (Niagara, Erie, Chautauqua and Cattaraugus Counties)- separate sections on each major subject area, including one on paleontology. I am on sabbatical Spring Semester 1985.
- Tong Zheng-xiang- I am presently engaging in research of Carboniferous-Permian stratigraphy and brachiopods in Yanbian, Sichuan and Ningjiang, Yunnan.
- Ungaro, T.- Rhynchonellid fauna from the Jurassic of N.W. Sardinia; Liassic brachiopods from Longobucco (S. Italy) and Gran Sasso D'Italia.
- Valentine, J.- Brachiopod radiations & extinctions and the form & function of the lophophore.
- Vogel, K.- Boring organisms and facies (especially bathymetry) of fossil marine sediments (Devonian & Upper Jurassic). (in prep.)- with Golubic & Brett "Endolith associations and their relation to facies distribution in the Middle Devonian of New York State (USA)."; with Xu Hankui, Langenstrassen, Walliser et al. "Marine Devonian of PR China: pelagic facies, especially its brachiopods." Langenstrassen, Xu Hankui & Vogel "Brachiopods and their relation to facies development in the Lower and Middle Devonian of Nandan, Province Guangxi, South China."
- Voros, A.- Paleobiogeographical problems in the European segment of the Jurassic Tethys; Preparation of a monograph of the Pliensbachian (Lower Jurassic) brachiopods of the Bakony (Hungary). (in press)- "Comparison of Jurassic benthonic mollusc and brach-

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lopod faunas of the Transdanubian Mountains." Acta Geol. Hung.: "Pliensbachian brachiopod zones in the Bakony Mts. and their correlation with other European areas." Proceedings, Jurassic symposium in Erlangen, 1984; "Brachiopod palaeoecology in a Tethyan Jurassic seamount domain (Pliensbachian, Bakony, Hungary)." Palaeo-3.

Waterhouse, J.B.- Permian brachiopods of Bowen Basin, Queensland; Early Permian fauna from Grant Group, Western Australia; Devonian brachiopods from Himalayas; Field work in Ladakh, August 1985.

West, R.R.- "Front burner"- encrusting assemblages on the undersides of chaetetid colonies including several encrusting/cemented brachiopod genera; "Middle burner"- Lingula/Glottidia substrate study with C. Emig; "Back burner"- Mode of life and autecology of Chonetinella.

Wilkins, J.L.- My research focus' on the physiology of brachiopod muscles. During the past year I have completed two studies. I have previously shown that the striated adductor muscles of Terebratalia transversa fatigue rapidly (50% per twitch contraction) when repetitively activated. In the first study just completed the cause of this rapid fatigue in Laqueus californicus has been correlated with an apparent low level of ATP in fibers. By "chemically skinning" striated fibers it was possible to supply ATP directly to the contractile proteins via bath application. Under these conditions these muscles are able to produce tetanic contractions, a type of contraction not possible for intact striated muscles. Electron micrographs demonstrate an extremely low density of mitochondria in striated muscle fibers. In the second study I was able to show that the slow rate of relaxation of smooth adductor muscles arises from a form of "catch" as is known for the anterior bysial retractor muscles of molluscs. The prolonged duration of stretch resistance following a nerve evoked contraction is not accompanied by, nor depends on continued nervous activity. Quick length changes (stretch or release) demonstrated that the active state of cross-bridge cycling is also not responsible for delayed relaxation. This state of stretch resistance can be induced by exposure of relaxed or contracted muscles to CO₂ (reduced pH) equilibrated saline. As CO₂ may accumulate with concomitant acidification within the shell of brachiopods forced to close for prolonged durations, as during adverse environmental conditions, the resultant "catch" type contractions which would follow would be an energy efficient manner in which to maintain the closed state.

Williams, A.- Ordovician faunas of the Highland Border Complex; Cell division in living brachiopods. (in prep.)- with Curry & Ingham "The fauna of the Dounans Limestone."

Wilson, M.A.- Devonian brachiopods of the Keyser Fm., Maryland; Ordovician brachiopod paleoecology, Ohio and Great Britain. (in press)- "Disturbance and ecologic succession in an Upper Ordovician cobble-dwelling hardground fauna." Science (no brachs involved, but the concepts are broad enough to apply to many brachiopod associations and "successions"); "A taxonomic diversity measure for encrusting organisms." Lethaia (Again, no brachs, but applicable concepts.)

Winkler Prins, C.F.- Carboniferous brachiopods from the Cantabrian Mts. (N. Spain) and Cordoba (S. Spain); Permian brachiopods from Timor (Indonesia). (in prep.) Manuscript on Incisiidae; with M. Legrand-Blain et al. "Carboniferous brachiopods from Bechar-Kenadza area (Algeria)."; M.L. Martinez Chacon & C.F. Winkler Prins "Descriptions of upper Carboniferous (Kasimovian) brachiopods from Asturias (N. Spain)."; (in press)- M.L. Martinez Chacon & C.F. Winkler Prins "The brachiopod fauna of the San Emiliano Formation (Cantabrian Mts., NW Spain) and its connection with other areas." C.R. IX Int. Congr. Carboniferous Strat. Geol., Urbana vol. 5 (1979); M.L. Martinez Chacon & C.F. Winkler Prins "Upper Carboniferous (Kasimovian) brachiopods from Asturias (N. Spain)."; C.R. X Int. Congr. Carboniferous Strat. Geol., Madrid (1983).

Xian Si-yuan- "I continue working on the brachiopods from the Yangmaba group (L-M Dev.) in Longmenshan Mount., Sichuan; Some new athyridids from L. Dev., South China."

Yan Guo-shun- "I surveyed the Ordovician sections from the south slope of East Mountain during 1979 & 1980 and am studying the brachiopods of these sections."

Yang De-li- "Research of brachiopods from Givetian, Longmenshan, Sichuan Province. (field work & manuscript in preparation); Research of brachiopods from Carboniferous-Permian Boundary section of Longlin, Guangxi. (field work & manuscript in prep.)."

Yao Shou-min- "I'm describing a new gigantoproductus- Xinkiangigantoproductus."

Zhang Yan- "I am finishing study of Late Silurian-Early Carboniferous brachiopods from Diebu and Luqu, Gansu (West Qinling), China."

Zhu Ciyang- Field work (1985) in Guanniaohe district, Nenjiang county, Heilongjiang Province, China. (in press)- "Late Ordovician Brachiopods from Wulongtun district of eastern Da Hinggan Ling region, Northeast China."- will be published in Bull. Shenyang

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Inst. Geol. Min. Res.

Zhu Meili- I am going to Inner Mongolia to take part in field work on Permian and Carboniferous Stratigraphy.

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Archbold, N.W.- CSIRO, Division of Geomechanics, P.O. Box 54, Mount Waverly, Victoria 3149, Australia.
 Baker, P.G.- change Derby Lonsdale College of Higher Education to Derbyshire College of Higher Education.
 Butler, D.E.- change Inst. of Geological Sciences to British Geological Survey.
 Calzada Badia, S.- zipcode changed from Barcelona 7 to Barcelona 08007.
 Chandlee, G.O.- moved, no forwarding address!
 Cherns, L.- Geology Dept., Univ. College of Swansea, Singleton Park, Swansea SA2 8PP, South Wales, United Kingdom.
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 Hammond, L.S.- Victorian Institute of Marine Sciences, 14 Parliament Place, Melbourne, Victoria 3002, Australia.
 Harper, D.A.T.- Geology Dept., University College, Galway, Ireland.
 Havlicek, V.- zipcode changed from 11821 to 11900.
 Hurst, J.M.- B.P. Petroleum Development Ltd., Britannic House, Moor Lane, London EC2Y 9BU, England.
 Koch, W.F.- currently visiting Geology Dept., Oregon State Univ., as a research assoc.
 Mergl, M.- zipcode changed from 11821 to 11900.
 Michalik, J.- zipcode changed from 88625 to 81473.
 Mitchell, W.I.- change Inst. of Geological Sciences to British Geological Survey.
 Mundy, D.J.C.- 4114 Pandora St., North Burnaby, Vancouver, British Columbia V5C 2B3, Canada.
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 Xian Si-yuan- Chengdu Inst. of Geology & Mineral Resources, Renminbeilu Rd., Chengdu, Sichuan, People's Republic of China.
 Ye Song-ling- 2nd Regional Geological Surveying Team of Qinghai, Gonghe, Qinghai, People's Republic of China.

* The zipcode for the Palaeontological Institute in Moscow has changed from 117321 to 117868.

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USSR

INDIA

CANADA

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POLAND

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USA

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USA

UNITED KINGDOM

ITALY

P.R. CHINA

** ALWAYS ADDRESS LETTERS TO CHINA- PEOPLE'S REPUBLIC OF CHINA! POST OFFICE MAY RETURN THOSE ADDRESSED CHINA.

PALEONTOLOGICAL MEETINGS & FIELD TRIPS-

1985-

MARCH SECOND ANNUAL MEETING OF THE BRACHIOPODA BRANCH OF THE CHINESE PALEONTOLOGICAL SOCIETY. (ZHU CIYING)
APR. THE THIRD SYMPOSIUM ON THE INARTICULATE BRACHIOPODS, NOVOSIBIRSK. (L.YE. POPOV)
JUNE MEETING OF THE PALAEOLOGICAL SOCIETY OF JAPAN IN OSAKA. (K. NAKAMURA)
JULY FIELD TRIP IN PYRENEES MOUNTAINS WITH THE "GROUPE FRANCAIS DU PALEOZOIQUE". (D. BRICE)
AUG. 11-14 SOCIETY OF ECONOMIC PALEONTOLOGISTS & MINERALOGISTS, GOLDEN, COLORADO. (SEPM HEADQUARTERS, BOX 4756, TULSA, OKLA. 74104)
AUG. 27-29 ALL-STATE GEOLOGICAL CONFERENCE IN ZILINA. (J. PEVNY)
SEPT. 5-10 XIII CONGRESS OF THE CARPATHIAN-BALKAN GEOLOGICAL ASSOCIATION, CRACOW, POLAND. (J. PEVNY)
SEPT. 9-13 FOSSIL & LIVING BRACHIOPODS. MEETING IN BREST, FRANCE. (CONGRES BRACHIOPODES, UNIVERSITE BRETAGNE OCCIDENTALE,
LABORATOIRE DU PALEOZOIQUE, 6 AVE LE GORGEU, 29283 BREST CEDEX, FRANCE)- THIS IS THE BIG ONE, TRY TO BE THERE!!!
SEPT. 15-22 ANNUAL MEETING OF PALAEOONT. GESELLSCHAFT IN MUNICH, GERMANY. (U. JUX)
SEPT. 15-22 INT. UNION OF GEOLOGICAL SCIENCES, MEETING IN BUDAPEST, HUNGARY. (ORGANIZING COMM. OF THE VIIIth CONGRESS OF THE
RCMNS HUNGARIAN GEOLOGICAL SURVEY, NEPSTADION UT 14, 1442 BUDAPEST, HUNGARY)
SEPT. 21-28 II COLOQUIO DE ESTRATIGRAFIA Y PALEOGEOGRAFIA DEL PERMICO Y TRIASICO DE ESPANA EN LA SEO D'URGELL. (J. MUNOZ)
SEPT. 27-29 PALAEOLOGICAL ASSOCIATION MEETING AT DORSET, ENGLAND. (CONTACT J.C.W. COPE)
SEPT. 27-29 CANADIAN PALEONTOLOGY & BIOSTRATIGRAPHY SEMINAR, QUEBEC CITY, CANADA. (JOHN RIVA, DEPT. OF GEOLOGY, LAVAL UNIV.,
STE-FOY, QUEBEC G1K 7PA, CANADA)

- OCT MEETING OF BRACHIOPOD SPECIALISTS IN MOSCOW. (T. SMIRNOVA)
 OCT. 9-12 LATIN AMERICAN GEOLOGICAL CONGRESS IN BOGOTA, COLOMBIA. (JORGE VALDIRI, DIAGONAL 53 N. 34-53, BOX 4865, BOGOTA)
 OCT. 12-16 THIRD SYMPOSIUM OF ECOLOGY AND PALEOECOLOGY OF BENTHIC COMMUNITIES- UNIV. DI CATANIA, ITALY. (O. OLIVERI)
 (SEND APPLICATION FORM TO DOTT. VERA CASALE, SEGRETARIO GENERALE DEL SIMPOSIO PRESSO ISTITUTO DI SCIENZE DELLA
 TERRA, PALAZZO DELLE SCIENZE, CORSO ITALIA 55, 95129 CATANIA, ITALY)
 OCT. 12-19 ANNUAL MEETING OF PALEONTOLOGISCHE GESELLSCHAFT IN MUNICH. (K. VOGEL)
 OCT. 28-31 GEOLOGICAL SOCIETY OF AMERICA, ANNUAL MEETING, IN ORLANDO, FLORIDA. (JEAN KINNEY, GSA HEADQUARTERS, BOX 9140,
 BOULDER, COLORADO 80301)
 NOV. 27-29 PALEONTOLOGICAL SYMPOSIUM & MEETING OF THE AUSTRALASIAN ASSOC. OF PALEONTOLOGISTS AT UNIV. OF CANTERBURY, CHRIST-
 CHURCH, NEW ZEALAND. (J. LAURIE)
 ? 3 OR 4 MEETINGS OF THE PALEONTOLOGICAL SOCIETY OF JAPAN WILL BE HELD IN 1985. (E. INOUE)
 ? SYMPOSIUM ON THE MESOZOIC & CENOZOIC BRACHIOPODS IN DUSHANBE, USSR. (V.N. OVTSHARENKO)

1986-

- JAN. PALEONTOLOGICAL SOCIETY OF THE USSR MEETING IN TALLIN. (R.T. GRATSIAKOVA) (N.V. KALASHNIKOV) (E.L. PROSOROVSKAYA)
 JAN.-FEB. MEETING OF THE PALAEONTOLOGICAL SOCIETY OF JAPAN (IN SENDAI?). (K. NAKAMURA)
 JUNE 15-18 AMERICAN ASSOC. OF PETROLEUM GEOLOGISTS & SOCIETY OF ECONOMIC PALEONTOLOGISTS & MINERALOGISTS, ANNUAL MEETING IN
 ATLANTA, GEORGIA. (AAPG HEADQUARTERS, BOX 979, TULSA, OKLAH. 74101)
 JULY 4-12 PERMIAN & PERMO-TRIASSIC BOUNDARY IN THE WESTERN TETHYAN REALM, MEETING AND FIELD TRIP, BRESCIA, EASTERN SOUTH-ALPINE,
 KARAWANKEN. (G. CASSINIS, DIPARTIMENTO DI SCIENZE DELLA TERRA, SEZIONE GEOLOGICO-PALEONTOLOGICA, UNIVERSITA DEGLI STUDI, STRADA
 NUOVA 65, PAVIA 27100, ITALY)
 JULY 14-16 "EVOLUTIONARY PALEOECOLOGY": INTERNAT. SYMPOSIUM, TUBINGEN, GERMANY. (K. VOGEL)
 AUG. NORTH AMERICAN PALEONTOLOGICAL CONVENTION IV, BOULDER, COLORADO. (E.G. KAUFFMAN, DEPT. OF GEOL. SCI., UNIV. COLORADO,
 BOULDER, CO 80302)
 SEPT. 7-12 INTERNATIONAL CONFERENCE ON PALEOCEANOGRAPHY, WOODS HOLE, MASS., USA. (W.A. BERGGREN, DEPT. OF GEOLOGY & GEOPHYSICS,
 WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASS. 02543)
 SEPT. 26-28 SOCIETY OF ECONOMIC PALEONTOLOGISTS & MINERALOGISTS, MID-YEAR ANNUAL MEETING IN RALEIGH, N.C. (CHARLES NITTROUER,
 DEPT. OF MARINE, EARTH & ATMOSPHERIC SCIENCES, NORTH CAROLINA STATE UNIV., RALEIGH, N.C. 27695)
 SEPT. 26-29 SOCIETY OF ECONOMIC PALEONTOLOGISTS & MINERALOGISTS MEETING IN RALEIGH, N.C. (ROBIN DIXON, SEPM, BOX 4756, TULSA,
 OKLAHOMA 74159)
 OCT. 12-15 CANADIAN REEF INVENTORY PROJECT IN CALGARY, ALBERTA, CANADA. (G.P. SMITH)
 NOV. 10-13 GEOLOGICAL SOCIETY OF AMERICA, ANNUAL MEETING, IN SAN ANTONIO, TEXAS. (JEAN KINNEY, GSA HEADQUARTERS, BOX 9140,
 BOULDER, COLORADO 80301)
 ? ALL STATE PALEONTOLOGICAL CONFERENCE IN THE TATRAS. (J. PEVNY)

1987-

- JUNE 7-10 AMERICAN ASSOC. OF PETROLEUM GEOLOGISTS & SOCIETY OF ECONOMIC PALEONTOLOGISTS & MINERALOGISTS, ANNUAL MEETING IN
 LOS ANGELES, CALIF. (AAPG HEADQUARTERS, BOX 979, TULSA, OKLAHOMA 74101)
 SEPT. 7-11 XI INTERNATIONAL CONGRESS OF CARBONIFEROUS STRATIGRAPHY & GEOLOGY IN BEIJING, CHINA. (PROF. YANG JINGZHI, CHAIRMAN
 OF THE CHINESE PROGRAM COMMITTEE, NANJING INSTITUTE OF GEOLOGY & PALAEONTOLOGY, ACADEMIA SINICA, NANJING, CHINA)
 OCT. 26-29 GEOLOGICAL SOCIETY OF AMERICA, ANNUAL MEETING IN PHOENIX, ARIZONA. (JEAN KINNEY, GSA HEADQUARTERS, BOX 9140, BOULDER,
 COLORADO 80301)

1988-

- OCT. 31- NOV. 3 GEOLOGICAL SOCIETY OF AMERICA, ANNUAL MEETING IN DENVER, COLORADO. (JEAN KINNEY, GSA HEADQUARTERS, BOX 9140,
 BOULDER, COLORADO 80301)

1989-

- NOV. 9-12 GEOLOGICAL SOCIETY OF AMERICA, ANNUAL MEETING, IN ST. LOUIS, MISSOURI. (JEAN KINNEY, GSA HEADQUARTERS, BOX 9140,
 BOULDER, COLORADO 80301)

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NEWS-

"WITH RESPECT TO MY "CRUSHING" EXPERIMENTS REFERRED TO IN CURRENT RESEARCH, I WOULD GREATLY APPRECIATE RECEIPT OF ANY EXPENDABLE SHELLS OF ANY EXTANT SPECIES ANY BRACHIOPOD WORKER IS WILLING TO CONTRIBUTE. MANY THANKS TO MICHAEL LABARBERA AND GORDON CURRY FOR THEIR CONTRIBUTIONS TO THIS PROJECT."-- R.R. ALEXANDER.

"I WOULD LIKE TO EXPRESS MY GRATITUDE (IN MY NAME AND I KNOW IN THE NAME OF MANY OTHER PALEONTOLOGISTS) TO MRS. JOSEPHINE COOPER FOR HER KINDNESS AND CONTRIBUTION TO THE BRACHIOPOD RESEARCH THROUGH HER EXCELLENT AND COUNTLESS TRANSLATIONS OF RUSSIAN PAPERS SHE HAS MADE DURING MANY YEARS."-- F. ALVAREZ.

"THE CHINESE SILURIAN CORRELATION CHART, INCLUDING MUCH INFO ON BRACS, IS IN THE LAST STAGES OF EDITING BY THE GSA AND THE CO-AUTHORS."-- A.J. BOUCOT.

"DR. E.F. OWEN HAS RETIRED FROM THE PALAEONTOLOGY DEPT. OF THE BMNH, BUT CAN STILL BE CONTACTED VIA THE DEPARTMENT."-- H. BRUNTON.

"GORDON CURRY & I WOULD BE VERY PLEASED TO HEAR FROM ANYONE WHO COULD BRING LIVING BRACHIOPODS FROM ANYWHERE IN THE WORLD TO THE BREST CONFERENCE, OR FROM ANYONE WHO COULD COLLECT LIVING BRACHIOPODS FROM AROUND NORTHERN FRANCE WHICH WE COULD PICK UP EN ROUTE. WE WOULD LIKE TO MAKE DNA PREPARATIONS FROM AS MANY SPECIES AS POSSIBLE."-- B.L. COHEN.

"I AM BUILDING UP A DATABASE OF REFERENCES RELATING PRINCIPALLY TO TAPHONOMIC PROCESSES IN FOSSIL AND RECENT BRACHIOPODS FOR MY THESIS. I AM USING THE SPECIALLY DEVELOPED REF-11 PACKAGE (MARKETED BY DG SYSTEMS OF HARTFORD, CT. USA) RUNNING UNDER CP/M 2.2 ON AN EPSON QX 10 MICRO. IF ANYONE ELSE HAS THIS PACKAGE, I AM WILLING TO EXCHANGE REFERENCE FILES, AS LONG AS THE DISCS ARE NOT APPLE FORMAT."-- M. COLLINS.

"NOTED THE NEW OCCURRENCE OF TYLOTHYRIS MULTICOSTATUS COOPER, 1982 IN THE FAUNA OF THE JEROME MEMBER (FRASNIAN) OF THE MARTIN FORMATION IN CENTRAL ARIZONA. I AM CURRENTLY SELLING "JACK THE BRACH" T-SHIRTS- WRITE ME FOR DETAILS."-- J.E. DAY. (LOGO OF SHIRT IS ON BACK PAGE)

"I PROPOSE THE WIDE-RANGING INTERNATIONAL COLLABORATION IN THE COENOTHYRIS VULGARIS (SCHLOTH.) MORPHOLOGICAL & MORPHOGENETICAL PROGRAM. I HAVE ALSO DISCOVERED A LOT OF NEW MIDDLE TRIASSIC BRACHIOPOD LOCALITIES."-- C. DETRE.

"I HAVE UPDATED DIRECTORIES, GENERIC LISTS, & SERIAL CITATION LISTS FOR ANY WORKER WHO NEEDS THIS INFORMATION & FREE OF CHARGE. CURRENTLY, THERE ARE 3976 BRACHIOPOD GENERA OR ALMOST 2000 ADDITIONAL GENERA SINCE THE TREATISE WAS PUBLISHED IN 1965. I CAN SORT MY COMPUTERIZED GENERIC FILE BY GENUS; AUTHOR; DATE OF PUBLICATION; TYPE SPECIES; SUPERFAMILY; AND PERIOD (AND VARIOUS COMBINATIONS OF THE ABOVE). MY SERIAL CITATION LIST HAS OVER 1400 NON-ABBREVIATED JOURNAL CITATIONS IN WHICH BRACHS HAVE BEEN DESCRIBED. IF YOU WOULD LIKE TO ACQUIRE THE 'DIRECTORY OF PALAEONTOLOGISTS OF THE WORLD'- 4TH EDITION (1984), SEND U.S. CURRENCY OR A CHECK DRAWN ON A U.S. BANK AND PAYABLE TO EITHER I.P.A. OR R.E. GRANT FOR \$7 (IF INDIVIDUAL MEMBER OF NATIONAL PALAEONTOLOGICAL SOCIETY) OR \$10 IF NON-MEMBER. SEND CHECK TO R.E. GRANT, NHB E-207, SMITHSONIAN INSTITUTION, WASHINGTON, D.C. 20560."-- R. DOESCHER.

"EIGHT OF 18 ASSEMBLAGE ZONES IN A REVISED MEGAFOSSIL ZONATION FOR THE CARBONIFEROUS OF NORTHERN ALASKA ARE BASED ON ARTICULATE BRACHIOPOD RANGES. PATTERNS OF EXTINCTION OF ARTICULATE BRACHIOPODS NEAR THE FRASNIAN-FAMENNIAN BOUNDARY IN THE USA SHOW NO MARKED CRISIS AT THE BOUNDARY."-- J.T. DUTRO, JR.

"A REVISION OR UPDATE OF THE BRACHIOPODA IN THE TREATISE ON INVERT. PALEONTOLOGY (PUBLISHED IN 1965) IS BEING CONTEMPLATED. ALL SUGGESTIONS BY INTERESTED SPECIALISTS ARE WELCOME AND SHOULD BE ADDRESSED TO ME AT THE FOLLOWING ADDRESS- NHB E-207, SMITHSONIAN INST., WASH., D.C. 20560. ALSO, A NEW DIRECTORY OF WORLD PALEONTOLOGISTS IS PLANNED FOR 1989, SO FAR THERE ARE OVER 500 BRACHIOPODOLOGISTS."-- R.E. GRANT.

P.S.- "I HAVE BEEN NOMINATED TO COMPILE THE INFORMATION FOR THIS DIRECTORY."-- R. DOESCHER.

"I WOULD APPRECIATE DONATIONS OF SPECIMENS OF LIVING BRACHIOPODS (ANY SPECIES) FOR WORK ON LOPOPHORE SCALING; PREFER SPECIMENS NARCOTIZED IN 7% MGCL2 AND PRESERVED IN BUFFERED FORMALIN."-- M. LABARBERA.

"THE SECOND SYMPOSIUM OF THE NATIONAL BRACHIOPOD GROUP OF THE PALAEONTOLOGICAL SOCIETY OF CHINA WAS HELD IN KUNMING OF YUNNAN PROVINCE IN THE LAST OF MARCH THIS YEAR. THERE WERE 60 PARTICIPANTS PRESENT AND 35 PAPERS DELIVERED. THE PARTICIPANTS EXAMINED

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GOOD SECTIONS OF LUDLOW-PRIDOLIAN AGE AND COLLECTED BRACHIOPOD SPECIMENS IN THE HONGMIAO AREA, NEAR QIJING CITY, E. YUNNAN. AT THE END OF THE MEETING, NEW LEADERS OF THE CHINESE BRACHIOPOD GROUP WERE ERECTED AS FOLLOWS: RONG JIA-YU (CHAIRMAN), ZHAN LI-PEI (VICE-CHAIRMAN), HU SHI-ZHONG (SECRETARY), XU HAN-KUI, YANG DE-LI, SU YANG-ZHENG, XIAN SI-YUAN, LIAO ZHUO-TING, ZHANG YAN, LI LI, LI WEN-GUO AND LIU FA. THE GROUP WILL PRESENT TWO REPORTS EVERY YEAR IN WHICH SUGGESTIONS, INFORMATION AND NEWS WILL BE INVOLVED FOR CHINESE BRACHIOPOD WORKERS."-- RONG JIA-YU.

"MY WIFE, MARGERY ROWELL, TRANSLATES CAMBRIAN AND SOME ORDOVICIAN RUSSIAN PAPERS INTO ENGLISH. WOULD BE HAPPY TO SHARE THESE WITH ANYBODY WHO IS INTERESTED."-- A.J. ROWELL.

"THE ANNUAL MEETING OF THE BRACHIOPOD GROUP OF CHINA (SECOND MEETING IN ALL) WAS HELD IN KUNMING, YUNNAN PROVINCE, ON 15-22 MARCH 1985 WHICH I ATTENDED."-- YANG DE-LI.

TRANSLATIONS-

"MANY OF THE FOLLOWING ARTICLES HAVE BEEN TRANSLATED BY MRS. COOPER AND ARE AVAILABLE FREE OF CHARGE, WITHIN LIMITS! IF YOUR REQUEST EXCEEDS 30 PAGES, I WOULD PREFER AN EXCHANGE OF BRACHS FOR THIS SERVICE. IF THIS IS IMPOSSIBLE, LET ME KNOW WHAT YOU HAVE TO EXCHANGE AND I WILL DO MY BEST TO BE ACCOMODATING! UNFORTUNATELY, THE SMITHSONIAN IS A NON-PROFIT ORGANIZATION AND IT IS VIRTUALLY IMPOSSIBLE TO ACCEPT MONEY FOR OUR SERVICES. ANYWAY, IF YOU CAN EXCHANGE BRACHS, WRITE ME FOR SPECIFICS. I WILL CONTINUALLY UPDATE THIS FILE AND WILL SEND COPIES OF THE MASTER LIST UPON REQUEST. IF YOU WOULD LIKE TO DONATE YOUR TRANSLATIONS TO OUR MUSEUM, I WOULD BE HAPPY TO ACT AS A "CLEARINGHOUSE" FOR ALL FUTURE REQUESTS.
THE PERSON WHO HAS THE TRANSLATION FOLLOWS THE CITATION, IN BRACKETS ()."-- R. DOESCHER.

RUSSIAN > SPANISH

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RUSSIAN > ENGLISH

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 OBITUARY-

Edwin D. McKee passed away on July 23, 1984. He was 78 years old.



LOGO ON T-SHIRT SOLD BY J.E. DAY

LATE ARRIVALS- RESPONSES RECEIVED AFTER JUNE 1

CURRENT RESEARCH, INCLUDING MANUSCRIPTS IN PREPARATION AND IN PRESS-

- Carls, P.- Hopeful to finish paper on early Vandercammenina plus their ancestors in Howellella, besides oldest Hysterolites (late Upper Gedinian plus early Lower Siegenian). (in press)- "A proposal for the redefinition of the Gedinian/Siegenian boundary." Cour. Forsch.- Inst. Senckenberg, 120 pages, 12 fig. + correlation charts (correlation of Rhenish shelly faunas (mostly brachs) with Hercynian conodonts + dacryoconarids. Near shore brachs evolving fast, phyletic lineages traceable).
- Feldman, H.R.- Brachiopods of the Onondaga Limestone in western NY- field work to be completed this summer. Recently published: Brachs of the Onondaga Ls. in central & SE New York (AMNH Bull.); Brachs of Sinai & Israel: systematics, evol., biogeog. & paleocol. Ms. to be submitted for publication: A n. sp. of the Jur. brach. Septirhynchia with a cladistic analysis of the genus based on shared derived characters. Also, in prep.: papers on Coenothyris from the Negev, a n. sp. of Aulacothyris from Negev, Dielasma (?) from the Negev, brach. biostratigraphy of Hamakhtesh Hagadol, southern Israel. (in press)- "Oleneothyris subfragilis (d'Orbigny) 1850, a replacement name for the brachiopod Olenothyris fragilis (Morton) 1828." Jour. Paleol.
- Havlicek, V.- Silurian brachiopods of Bohemia (will continue also in the next year); brachiopods of the Upper Ordovician (mostly upper Beroun Series) in Sardinia (Italy) and Carnic Alps (Italy, Austria)- in collaboration with E. Serpagli & J. Kriz. (in press)- "Atrypacea (Brachiopoda) in the Lower Devonian and Eifelian of Bohemia." Sbornik geol. Ved. Paleont. (will appear in 1986); with P. Roehlich & I.R.C. (Industrial Research Centre, Tripoli, Libya) "Brachiopods of the Devonian and Lower Carboniferous in the Murzuq Basin (Libya)." Sbornik geol. Ved., Paleont. (will appear in 1986); "Karbous n.g. (Lissatrypidae, Devonian) in Bohemia." Vest. Ustr. geol., 60 (will appear this autumn).
- Li Luo-zhao- I am going to collect fossils of Upper Ordovician brachiopods in Yushan of Jiangxi Province in Nov. of this year. (in press)- "New Materials of Ordovician Trimerellidae (Brachiopoda) from Western Zhejiang." Acta Palaeontologica Sinica, 23(6). I am going to take part in the 1st Internat. Congress on Brachiopods in Sept.
- Martinez Chacon, M.L.- Carboniferous brachiopods (systematics, biostratigraphy, paleoecology, & paleobiogeography) of Spain (especially from the Cantabrian Mts.); Carboniferous rhynchonellids from the French Central Pyrenees. (in prep.)- "Quelques aspects paleoecologiques de Trasgu (Brachiopode rhynchonellide du Carbonifere des Asturies, Espagne)." - to be presented at the 1st Internat. Congr. on Brachiopods. (in press)- with C.F. Winkler Prins "The brachiopod fauna of the San Emiliano Formation (Cantabrian Mts., NW Spain) and its connection with other areas." C.R. IX Congr. Int. Strat. Geol. Carb., Urbana, 1979; with C.F. Winkler Prins "Upper Carboniferous (Kasimovian) brachiopods from Asturias (N. Spain)." C.R. X Congr. Int. Strat. Geol. Carb. Madrid (1983); with J.R. Menendez, L.C. Sanchez de Posada & J. Truyols "Aportaciones al conocimiento de la Formacion Ricacabiello (Carbonifero de la Zona Cantabrica, N. de Espana) y su contenido paleontologico." Trab. Geol., Univ. Oviedo, 15; "Nota sobre la edad de los materiales carboniferos de la region de Villamanin (N. de Leon; Espana)." Brev. Geol. Ast.
- Pecar, J.- Manuscripts are being prepared about Upper Carboniferous and Permian chonetacean brachiopods from Slovenia (northwest Yugoslavia). I am continuing work about brachiopods from Neoschwagerina Limestone (also from Slovenia).
- Percival, I.G.- Eventual publication of my Ph.D. thesis, jointly with B.D. Webby- subject: Late Ordovician brachiopods of central New South Wales.
- Sass, D.B.- Growth lines as a function of seasonal retardation; the pallial sinus of the genus Paraphorhynchus; a new species of the genus Syringothyris.
- Shi Xiaoying- The Jurassic brachiopod faunas of Qinghai-Tibet Plateau: the study of internal structures & paleoecology. (in press)- "Parakansuella (gen. nov.)- a new gigantoproductid genus of Central Hunan." Paleontologia Sinica; "Assemblage characteristics of Lower Carboniferous Brachiopods from Central Hunan and discussion of several related stratigraphic problems." Earth Science; "The Jurassic rhynchonellids from Jolmo Lungma (Mt. Everest) region of Southern Tibet."; "The Jurassic terebratulids from the eastern Tibet." (last 2 papers are in 'The Papers on the Geology of Qinghai-Tibet Plateau').
- Singh, T.- Carried out field work in Eastern Himalaya during Jan.-Mar. 1985; preparing manuscripts to be presented at the forthcoming Sixth Gondwana Symposium at Columbus, Ohio, USA in Aug. 1985 and at the First Internat. Cong. on Brachiopods at Brest, France in Sept. 1985. (in press)- "Permian bio-geography of the Indian sub-continent with special reference to the marine fauna"; "Palaeoclimatic significance of the fauna and mio-flora of the Garu Formation, Arunachal Pradesh, Eastern Himalaya" (for the 6th

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Gondwana Symposium); "The Permian brachiopod fauna of the Himalaya: Palaeobio-geographic implication" (for the 1st Internat. Cong. on Brachiopods).

Xu Guirong- The events of brachiopod evolution in Upper Permian to Lowermost Triassic. (in press)- "On statistical analyses of the genus *Cyrtospirifer* from Hunan Province, China."

Ye Song-ling- Current research on stratigraphy and brachiopods in Qinghai, mostly on Mesozoic. Field work in southern region of Qinghai.

ADDRESS CHANGES-

Percival, I.G.- Exploration Dept., Esso Australia Ltd., GPO Box 4047, Sydney, New South Wales 2001, Australia.

THE FOLLOWING NAMES ARE ADDITIONS TO MY 1981 DIRECTORY. PLEASE INFORM ME OF ANY ADDITIONAL NAMES TO THE DIRECTORY.

NAME -----	ADDRESS -----	COUNTRY -----
LINNIK, L.S. DEVONIAN	BELORUSSIA RES. GEOL. PROSP. INST., STAROBORISOVSKY HIGHWAY 14, MINSK 220600	USSR
SHI XIAOYING DEVONIAN, MISSISSIPPIAN, PENNSYLVANIAN, CARBONIFEROUS & JURASSIC	BEIJING GRADUATE SCHOOL, WUHAN COLLEGE OF GEOLOGY, CHENGFU RD., BEIJING 100083	CHINA

PALEONTOLOGICAL MEETINGS & FIELD TRIPS-

1985-

OCT. 24-26- "ASAMBLEA GENERAL CONSTITUYENTE" & "I JORNADAS DE PALEONTOLOGIA", IN ZARAGOZA, SPAIN. SPONSORED BY THE SOCIEDAD ESPANOLA DE PALEONTOLOGIA. TWO POST-MEETING EXCURSIONS (PALEOZOIC OF MURERO AND STA. CRUZ DE NOGUERAS, IBERIAN MTS. AND MESOZOIC AND CENOZOIC OF THE PRE-PYRENEE OF HUESCA) WILL BE HELD. (M.L. MARTINEZ CHACON)

1986-

MARCH- THE PALEONTOLOGICAL SOCIETY OF CHINA WILL CONVENE A CONGRESS TO DISCUSS PALEOBIOGEOGRAPHY, PALEOECOLOGY, & PALEOCLIMATE.
(XU GUIRONG)

NEWS-

"I AM LIKELY TO ORGANIZE A SEMINAR ON 'GEOLOGY OF THE HIMALAYAN OROGENIC BELT IN NORTH EASTERN INDIA' IN 1986. I SHALL VISIT THE SMITHSONIAN INST. FOR ABOUT A WEEK AFTER THE GONDWANA SYMPOSIUM TO COMPARE THE HIMALAYAN BRACHIOPODS WITH THE TYPE SPECIMENS WITH DR. R.E. GRANT. I HAVE TO REQUEST TO THE WORKERS ON BRACHIOPODS TO KINDLY ARRANGE TO MAKE A WIDE CIRCULATION OF THEIR RESEARCH PAPERS, THOSE PUBLISHED IN LOCAL JOURNALS/PROCEEDINGS THAT ARE NOT EASILY AVAILABLE, EITHER BY SENDING DIRECTLY OR THROUGH 'ARMFOOT'."- T. SINGH.



"Armfoot" Special Edition (Nov. 1985)

"This is a special edition of "Armfoot" which relays the observations of R. Grant about the meeting in Brest to those who did not attend the 1st International Congress on Brachiopods and the observations by R. Cocks on some proposals by Sir Alwyn which were subsequently agreed upon by the participants.

One photo/individual from the collage on the cover pages can be obtained by writing me and requesting the photo number- no charge for one 4x5" black & white photo which will be sent out with the next "Armfoot" to avoid duplicate mailings."- Doescher

The following observations on the Congress are by R.E. Grant-

"The First International Congress on Living and Fossil Brachiopods was convened in Brest, France, Sept. 9-13, 1985. Held at the Faculty of Science in the Universite de Bretagne Occidentale, and sponsored by the International Palaeontological Association, it was attended by 100 specialists from 21 countries, including strong delegations from those as remote from France as New Zealand, Australia, and China (PRC). The largest delegation numbered 18 from the United Kingdom, followed by 17 from France, 16 from the United States, and 9 each from Spain and China. Smaller groups represented the countries of Australia, Belgium, Bulgaria, Canada, Czechoslovakia, Denmark, Germany (West), Hungary, India, Ireland, Italy, New Zealand, Netherlands, Romania, and the Soviet Union.

After warm welcomes from C. Babin (paleontologist and President of the University), J.H. Delance (President of the Congress), Sir Alwyn Williams (Honorary President of the Congress) and a brief reminder of the sponsorship of the Congress by I.P.A. from A.J. Boucot (President of I.P.A.), technical sessions began, ending at lunch on Friday. Participants were gratified to see that while the study of fossil brachiopods proceeds apace, the animals themselves no longer are the objects of massive neglect by biologists who study living organisms. The caliber of the scientific papers was generally high, and many were illustrated dazzlingly by fine photographs and artwork. At the same time, posters were displayed in a separate room, with authors present to explain their results. The consensus by the last day was that the Congress was fully successful, and sufficiently mind-stretching to provide everyone with more than he could assimilate.

A final plenary session was presided over by Sir Alwyn, the Honorary President, to organize the brachiopod workers into a functional interest group. Four proposals were adopted unanimously by the Congress- 1. establishment of a Brachiopodology Standing Committee of 10-12 members who will appoint and oversee a regional committee to organize the next Congress in 1990. 2. establishment of a Workshop on Living Brachiopods. 3. establishment of a Workshop on Brachiopod Taxonomy. 4. initiation of a campaign for revision of the Brachiopod Volume of the Treatise on Invertebrate Paleontology.

Satisfying as the scientific sessions were, these moves to establish continuity of the Brachiopod Congress may prove to be the most important outcome of this First Congress. All participants appreciated the vision and initiative of the "hands on" organizers of this Congress, notably C. Emig of the Marine Station d'Endoume, Marseille, and P.R. Racheboeuf who organized the considerable hospitality of the Universite de Bretagne Occidentale. The hospitality included a full week of cloudless skies and bright sunshine, hearty mid-day meals in the cafeteria, a reception at the Residence of the University and one by the mayor of Brest at the Hotel de Ville, and a fine banquet of Brittany's famous sea food on Wednesday evening."

Also, a few comments by R. Cocks-

Looking Ahead-

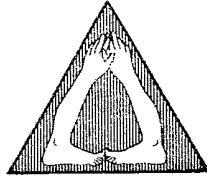
The final session of the Congress turned into a giant committee, chaired by Sir Alwyn Williams, which then agreed upon a future program with the following points-

- (1) The next brachiopod Congress should be in 1990.
- (2) A Standing Committee of 10-12 international brachiopod workers should be established quickly, so that the venue and secretariat of the next Congress should be decided by Sept. 1986 and the themes for the Congress after that date.
- (3) Two permanent workshops should be established, one on Living Brachiopods (Convenors Gordon Curry & Christian Emig), the other on Taxonomy (Convenors Robin Cocks, Rex Doescher, and Patrick Racheboeuf).

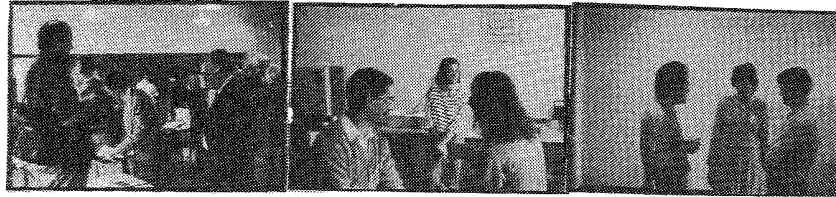
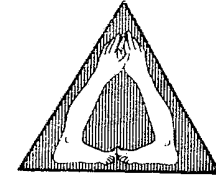
Taxonomic Workshop-

The three Taxonomic Workshop convenors met briefly at Brest and formulated the following provisional program for the next

Brest, France- Sept. 9-13, 1985



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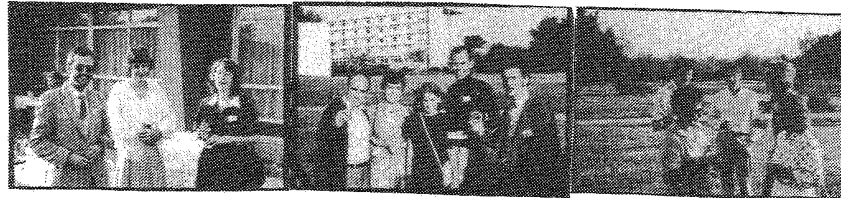
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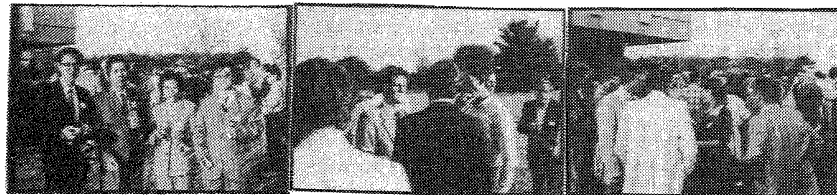
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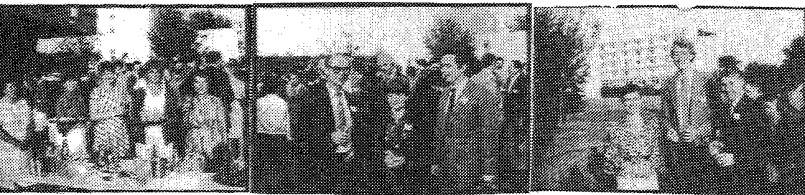
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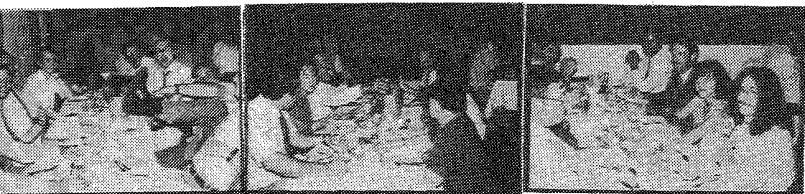
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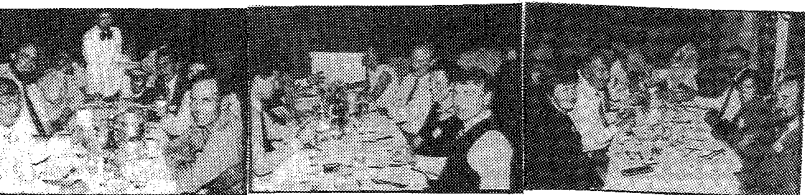
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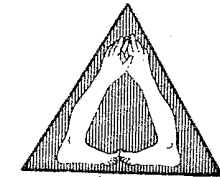
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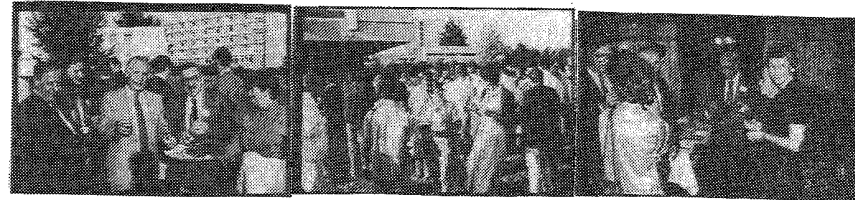
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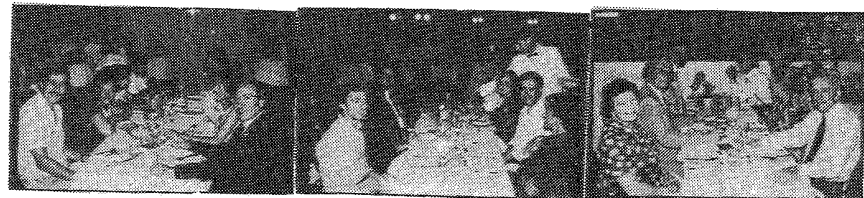
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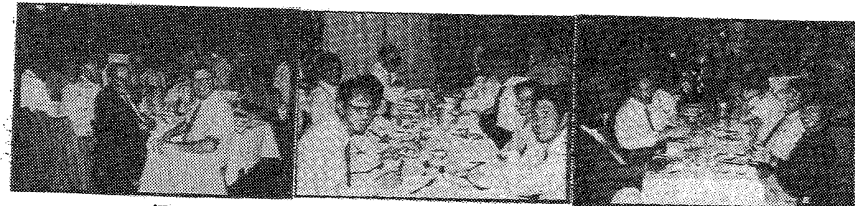
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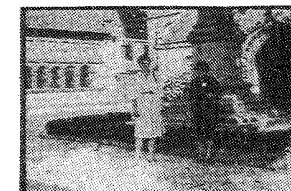
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"ARMFOOT" #4



THE INTERNATIONAL BRACHIOPOD NEWSLETTER

This will be the last edition of "Armfoot"! There are many reasons for this decision- the major one is the challenge of computerizing our bibliographic files (26,000 records). Also, the upcoming 5th edition of the "Directory of Palaeontologists of the World" (1989) will take a good deal of time. However, I will still be maintaining an updated directory of brachiopodologists, generic lists, and translations for distribution. Please keep in touch by sending me reprints of your papers and advising of any address changes! I want to thank everyone who contributed to "Armfoot" and hope it served a need for our community.

P.S.- Please fill out the enclosed questionnaire (if you would like to be included in the 5th edit. of the Directory of Palaeontologists of the World) and return it to me in 1987 or 1988 (preferably the latter, to avoid change of address).

 CURRENT RESEARCH, INCLUDING MANUSCRIPTS IN PREPARATION AND IN PRESS-

Ackerly, S.C.- Architecture, mechanics, and design of the brachiopod shell, in relation to stresses and loadings caused by muscles. (in press)- "Allometry and muscle mechanics in orthid brachiopods." (Abstract) Proceedings of the 1st Internat. Cong. on Brachiopods, 1985; "Structural basis for radial ornamentation in orthid brachiopods." (Abstract) Annual Meeting, Geological Society of America, Orlando, Florida, 1985, GSA Abstracts w/ programs, vol.17, no.7.

Ager, D.V.- Systematics, evolution, ecology & geographical distribution of Mesozoic brachiopods world-wide. Monograph on British Liassic Terebratuloids and study of distributions in relation to plate movements in preparation. Studies of Mesozoic faunas from Turkey & Permian fauna from Oman. (in press)- "Evolutionary patterns in the Mesozoic Brachiopoda." (Brest conference); with Sun Dong-li "Mesozoic brachiopod distributions around the Tethys." Palaios.

Amsden, T.W.- Lithofacies, biofacies and brachiopod biostratigraphy of the Anadarko Basin, Oklahoma and the Texas Panhandle. (in press)- Late Ordovician through Early Devonian annotated correlation chart and brachiopod range charts for the southern Midcontinent Region, U.S.A.; includes a discussion of Silurian and Devonian conodont faunas by James E. Barrick. Bulletin of the Oklahoma Geological Survey.

Archbold, N.W.- Western Australian and Indonesian Permian brachiopod faunas- taxonomy, biostratigraphy and palaeogeography. Currently working on strophalosiids and (with G.A. Thomas) the remainder of the spiriferids. (in press)- "Nineteenth Century views on the Australian marine Permian." Earth Sciences History, vol.5; "Tivertonia yarrolensis (Maxwell), (Chonetidina, Brachiopoda) from the Permian of the Sydney Basin, Australia." Alcheringa, vol.10; and (with G.A. Thomas), "Permian Brachiopoda from Western Australia: A review in time and space." Proceedings 1st International Congress on brachiopods. Papers are in preparation on Western Australian Strophalosia, Heteralosia, and Echinalosia and (with G.A. Thomas) on Fusispirifer.

Aziz, S.A.- Submitted thesis entitled "Palaeontological Studies of South Indian Cretaceous Deposits with special reference to Brachiopods." (in press)- "Genus Sellithyris from South Indian Cretaceous brachiopods and its Paleobiometrics."; "Shell wall study of some brachiopod genera from South Indian Cretaceous Deposits."

Baarli, B.G.- Taxonomy of early Silurian brachiopods from Norway & treatment of their community organization. (in prep.)- "Paleoecology of early Llandovery (Silurian) brachiopod communities from the Slovik Formation in the central Oslo Region, Norway." (in press)- "A biometric re-evaluation of the Silurian brachiopod lineage Stricklandia lens/ S. laevis." Palaeontology (early 1986) with D.A.T. Harper "Relict Ordovician brachiopod faunas in the lower Silurian of Asker, Oslo Region." Norsk. Geol. Tids. (late 1986)

Baker, P.G.- Ontogeny, morphology, shell-microstructure, taxonomy and phylogeny of Jurassic and Cretaceous Thecideidina.

few years.-

(1) The Workshop will be open-ended and non-exclusive- please will all workers who deal with brachiopod systematics and taxonomy feel involved!

(2) All workers should be encouraged to compile, circulate and publish lists of species and genera which have already been described, particularly from their own areas (see for example that for the British Lower Paleozoic by L.R.M. Cocks, 1978 Paleontological Society Monograph). It is important that at least provisional assignments of older species to more modern genera should be made and also some assessment of their geographical and stratigraphical ranges if possible. Lists of old brachiopod collections containing types and also of isolated taxa in need of revision need to be drawn up. Coordinators are needed for each major country or group of neighboring countries (and perhaps also for each era) and they would encourage progress and negotiate areas of overlap or identify gaps in the coverage.

(3) News of the existence of such lists and compilations, whether published, unpublished or in progress, should be circulated to everyone via the annual "Armfoot" newsletter.

(4) A new edition of the brachiopod "Treatise" is desirable fairly soon, and so brachiopod workers are encouraged to think seriously about the preliminary work needed for this venture- perhaps a final list of authors and deadlines can be established by the 1990 brachiopod Congress.