George Jiří Kukla – curriculum vitae and selected bibliography

(an attempt for reconstruction)

I did expect that George Kukla's data would come after the deadline, but no one expected they would come in a fragmentary and distorted way by almost unreadable fax from Université de Montpellier because GJK was robbed at JFK airport in New York and his diskette disappeared together with his luggage. The selected bibliography was therefore compiled from various sources such as reprints, Ložek's bibliography and cv's attached to project proposals. It is by no means complete, but at least it will give the basic review of GJK's activities during years spent in USA, which are almost unknown to the Czech reader.

V. Cílek

Curriculum vitae

1930, March 14: born in Prague, former Czechoslovakia

1951–53: Assistant lecturer, Charles University, Prague

1953: Doctor of Natural Science (RNDr.), Charles University, Prague, Dept. of geology, intensive karst research

1953–1958: Chief geologist, non-metallic raw materials, Prospecting National Enterprise, field work – gravels, kaolins

1958–1968: Chief research scientist, Archaelogical Institute of the Czechoslovak Academy of Science, interest in loess sequences, Holocene, Quaternqry stratigraphy

1968–1971: Senior research scientist, Geological Institute of the Czechoslovak Academy of Sciences, Quaternary studies – Red Hill

1969: Candidate of Natural Sciences, Dept. of mineral deposits, Charles University, kaolin prospection

1971–1996: Senior Research Scientist, Lamont–Doherty Geological (Earth) Observatory of Columbia University, N.Y.

1972–1976: Consultant-siting of nuclear power plants, Fugro, CA; Batelle, Wa and A.D. Little, MA.

1972–1973: Visiting Professor: Brown University

1975: Visiting Professor: University of Washington

1976–1982: Consultant, nuclear waste isolation program, Battelle and Bechtel

1978: Visiting Professor: University of Colorado, INSTAAR

1979: Visiting Professor: Hebrew University, Jerusalem

1981: Visiting Professor: Catholic University, Belgium

1983: Consultant – Climatology, Satellites, A.D. Little, MA

1984: Consultant – Climatology, NASA

1984: Consultant – Antarctic Climatology, INPE, Brasil

Honors

National Science Foundation Senior Foreign Scientist Award, 1970

Listing in Marquis Who is Who in the World

A. Van Den Broeck Medal Belgium Geological Society, 1992

Jaroslav Petrbok Medal, Czech Speleological Society, Praha 1995

Interdisciplinary Conferences organized (selection):

When will the present interglacial end? Brown University, 1972

To feed the world: What to do with changing climate? AAAS, San Francisco, 1974

World food supplyin a changing climate, Sterling Forest, NY, 1974

Late Cenozoic magnetostratigraphy: comparisons with bioclimate and litho zones, Tokyo, 1974

Correlation of paleoclimatic data between Quternara continents and oceans, International Geological Congress, Paris, 1980

Snow Watch 1980, National Science Foundation, Washington, DC

Snow Watch 1985, Dept. of Energy, National Science Foundation, WMO; College Park, MD, 1985

Long Continental Records, INQUA XII Congress, Ottawa, 1987

NATO Advanced Research Workshop "Correlating Records of the Past", Mallorca, Spain, April 3–9, 1991

Climate Stratigraphy of the Quaternary INQUA, Beijing, China, 1991

Minimax Workshop, "Current changes of minimum and maximum daily temperatures" NOAA and Dept. of Energy, College Park, MD, Sept. 27–30, 1993

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– *Jeskyně Českého krasu na levém břehu řeky Berounky a Vltavy (in Czech – Caves of the Bohemian Karst located on the left bank of Berounka and Vltava rivers)*, 110 pp. Unpublished report, Czech Speleological Society. Praha.

– Krápníková jeskyňka v Srbsku u Berouna (in Czech – Krápníková Cave in Srbsko by Beroun). *Čs. Kras* 2, 43–44, Brno.

1950

KUKLA J.: Vyvěračka v české křídě (in Czech – The karst outflow in the Bohemian Cretaceous Basin). *Čs. Kras* 3, 293–294, Brno.

– Barvení kapilár v ekcentrických krápnících z jeskyně na Chlumu (in Czech – The study of eccentric dripstone decoration by colouring). *Čs. Kras* 3, 255–256, Brno.

– Pseudokrasové jeskyně v Loktu na Sokolovsku (in Czech – Pseudokarst caves in Loket by Sokolov). *Čs. Kras* 3, 274–278, Brno.

1951

KUKLA J.: Petrbokova sluj, největší česká krápníková jeskyně (in Czech – Petrbok's Cave, the longest Czech dripstone cave). *Příroda* 44, 5–6, Brno.

1952

KUKLA J.: Zpráva o výsledcích výzkumů jeskyní na Zlatém koni u Koněprus v roce 1951 prováděných krasovou sekcí Přírodovědného klubu v Praze (in Czech – Results of research carried in Koněprusy Cave in 1951...). *Čs. Kras* 5, 49–68, Brno.

– O nejhlubší propasti v Čechách (in Czech – On the deepest chams in Bohemia). *Čs. Kras* 5, 218–219, Brno.

1953

KUKLA J.: *Výplně kapes na Zlatém koni (in Czech – The karst infillings of Zlatý kůň).* Unpublished RNDr. Thesis. Dpt. of Geology, Charles University, Praha.

– and STÁRKA V.: Hraškova jeskyně v Kilenc Fa jižně od Silice v Jihoslovenském krasu (in Czech – Hraško's cave south of Silica in Slovakian Karst). *Čs. Kras* 6, 207–211, Brno.

1954

KUKLA J.: Složení pleistocénních sedimentů v kontrolním profilu v Šipce z r. 1950 (in Czech – The composition of Pleistocene sediments from Šipka cave...). *Přírodověd. sbor. Ostravského kraje* 15, 105–124, Opava.

– Křídové sedimenty v Koněprusech u Berouna (in Czech – The Cretaceous sediments in koněprusy by Beroun), *Čas. Mineral. Geol.* 1, 24–30, Praha.

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1955

KUKLA J.: Zpráva o geologickém mapování a průzkumu ložisek kaolinu u Staré a Nové Role na Karlovarsku (in Czech – The report on geological mapping and research of kaolin bodies close to Carlsbad). *Zprávy o geol. výzkumech v r. 1954,* 96–98, Praha.

– and SKŘIVÁNEK F.: Limonitická výplň jeskyně u Strašína na Sušicku (in Czech – The limonite infillings of Strašín cave in Sušice area). *Věstník Ústř. úst. geol.* 30, 113–126, Praha.

1956

KUKLA J.: *Průzkum přirozených slévárenských písků v r. 1954–55. Terasy Praha-Beroun (in Czech – The research for natural casting sands in 1954–55. Terraces Praha-Beroun).* Unpublished report, Nerudný průzkum, závod Praha, Geofond.

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–, – Profil holocénními svahovinami ve Velké Chuchli – V dolích (in Czech – The profile through Holocene slope sequence in velká Chuchle). *Anthropozoikum* 5, 407–423, Praha.

1957

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LOŽEK V., SEKYRA J., KUKLA J. and FEJFAR O.: Výzkum Velké Jasovské jeskyně (in Czech – The research of Great Jasov Cave). *Anthropozoikum* 6, 193–282, Praha.

1958

KUKLA J. and LOŽEK V.: K problematice výzkumu jeskynních výplní (in Czech – On the problems of cave infillings research). *Čs. Kras* 11, 19–83, Praha.

PROŠEK F., FEJFAR O., KNEBLOVÁ V., KUKLA J. and LOŽEK V.: Die Erforschung der Drei-Ochsen Höhle am Kotýz-Berg bei Koněprusy. *Anthropozoikum* 7, 47–78, Praha.

1959

LOŽEK V. and KUKLA J.: Das Lössprofil von Leitmeritz an der Elbe, Nordböhmen. *Eiszeitalter und Gegenwart* 10, 81–104.

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1960

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1961

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1962

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1967

FRIDRICH J. and KUKLA J.: Ověření původu sošky z Modřic. Příspěvek k metodice výzkumu pravěkých památek uměleckého charakteru (in Czech – The verification of Modřice statuet. Methodological contribution to the research of Paleolithic objects of art). *Archeologické rozhledy* 19, 733–766, Praha.

1968

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– The Pleistocene epoch and the evolution of Man, Comment. *Current Anthropology* 9, 37–39, Chicago.

– Late Paleolithicum in Eastern Europe, comment. *Current Anthropology* 9, 378–380, Chicago.

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1969

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1971

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1972

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– MATTHEWS R.K. and MITCHELL J.M. Jr.: The end of the present interglacial. *Quaternary Research* 2, 261–269.

– and KUKLA H.: Insolation regime of interglacials. *Quaternary Research* 2, 412–424.

– and KOČÍ A.: End of the last interglacial in the loess record. *Quternary Research* 2, 374–383.

1973

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– Magnetic intensity and climatic changes 1925–1970. *Nature* 242, 34–37, (with G. Wollin, D.B. Ericson, W.B.F. Ryan and J. Wollin).

1974

KUKLA J. and KUKLA H.: Increased surface albedo in the northern hemisphere, *Science* 183, 709–714.

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Sterling Forest Conference December 2–5, 1–11 (with J.D. Hays and L.M. Thompson).

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1975

KUKLA J.: Missing link between Milankovitch and climate. *Nature* 253, 600–603.

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– Late Cenozoic magnetostratigraphy: comparisons with bio-climato and lithozones. *Geology* 704–707 (with H. Nakagawa).

– Climate variability. CIAP Monograph 4, Dept. of Transportation, Climatic Impact Assessment Program, Washington, D.C. (with M. Mitchell).

1976

KUKLA J.: Surface of an ice-age earth. *Science* 191, 1131–1144, (with members of the CLIMAP project).

– Around the world 18,000 years ago. *Natural History Magazine.*

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– Global variation of snow and ice extent. In: *Proceedings of the Symposium on Meteorological Observations from Space: their contribution to the first GARP global experiment, June 8–10, 1976, Boulder,* 110–115.

– Ice ages frigid womankind. A letter to editor. *Playboy, April 1976,* 23, 4.

FINK J., FISCHER H., KLAUS W., KOČÍ A., KOHL H., KUKLA J., LOŽEK V., PIFFL L. and RABEDER G.: Exkurzion durch den österreichischen Teil des nördlichen Alpenvorlandes und den Donauraum zwischen Krems und Wiener Pforte. *Mitt. d. komiss. f. Quartärforschung d. Österr. Akad. d. Wissen.* 1, Wien.

1977

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– Late-Cenozoic Magnetostratigraphy: comparisons with bio-climato- and lithozones. *Quaternary Research* 7, 283–293, (with H. Nakagawa).

– Paleomagnetic study at a nuclear power plant site near Bakersfield, California. *Quaternary Research* 7, 380–397 (with P. Davis, J. Smith, and N.D. Opdyke).

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1978

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1979

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1980

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1981

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– The age of the 4/5 isotopic stage boundary on land and in the oceans, (with M. Briskin), *Paleogeo-Paleoclim.-Paleoecology*, 42, 35–45.

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