

In memoriam Dr. Tibor Tóth (1929-1991)

By I. Pap, Budapest

On the 3rd of October, 1991 a heart attack killed Dr. Tibor Tóth, Doctor of Biological Sciences and director (ret.) of Department of Anthropology of the Hungarian Natural History Museum. Hungarian anthropology lost one of the most significant scientists from the post-war period.



He was born in Szolnok, on the 5th of January, 1929. He attended elementary school in Szolnok, then he went to the Calvinist Grammar School of Mezőtúr (1939-1947). He graduated as one of the best in his class, and then he went to the Natural Sciences Faculty of the Eötvös Loránd University of Budapest. He spent his third year at the C. I. Parhon University of Sciences in Bucharest. He finished university as a museologist specializing for anthropology and the archeology of Ancient times in 1952. As one of the top students he was selected for postgraduate course at the Anthropological Department of the Lomonosov University of Moscow from 1954-1958. In 1958 he qualified for a candidate's degree with a dissertation titled "Horizontal profilization of the ancient and the present populations of Hungary as related to the ethnogenesis of the Hungarian people." He defended his thesis and graduated as Doctor of Biological Sciences in 1978. This dissertation was "Somatology and paleoanthropology of the Hungarians (to the problems of their origin)".

In July 1958 he joined the staff of the Department of Anthropology of the Hungarian Natural History Museum. He was promoted to leading research worker and then to deputy director in 1962. Tibor Tóth became head of the department in July 1965 and he kept his office till his retirement in December, 1990. He served as member of the Anthropological Committee of the Hungarian Academy of Sciences (1959-1990) and as member of the Committee of General Biology of the National Postgraduate Degree Granting Board of the Hungarian Academy of Sciences (1969-1984). He was the editor of *Anthropologia hungarica* from 1965-1990. He was member of the editorial board of the *Annales historico-naturales Musei nationalis Hungarici* (1965-1990) and of *Anthropologai Közlemények* (1966-1991).

His main fields of interest were the evolution of Man, morphology and ethnic anthropology but first and above all historical anthropology of postglacial populations. As a scientist he worked not only in the silence of his office but also at a lot of excavations. He participated for expeditions in the Ural region, in the Caucasus and in Middle Asia (1959, 1962, 1964-1965, 1967-1968). He spoke excellent Russian and he was one of the first to establish strong links with Soviet fellow-scientists. He interpreted differential diagnosis of Mongolid and Europid findings according to their horizontal profilization of the face. These contacts helped him to analyse Bronze Age series from the Soviet Union and paleoanthropological material from Mongolia. The evolutionary problems of bone morphology and the significance of various characteristics also arrested his attention.

His international reputation spread both to the East and to the West as it is reflected by the fact that he was invited to 27 international conferences where he delivered 22 lectures.

Hungarian anthropology is deeply grateful to Tibor Tóth not only for his scientific activities but for his collecting drive as head of the Department of Anthropology of the Hungarian Natural History Museum. He continued the fine tradition set by his predecessor Prof. János Nemeskéri. Thanks to the several decades of efforts directed by them, the collection of the Hungarian Natural History Museum became one of the wealthiest collections of historical anthropology in Europe.

Dr. Tibor Tóth clearly recognized the significance of Hungary within the Great Migration and the duty to preserve as much of the human remains of our history as possible.

In his industrious life he published 126 articles in Hungarian, Russian, English, German and in French. Scientific periodicals of Hungary, of the Soviet Union, of Mexico, of Finland, of Italy and of East Germany published his works.

List of Dr. Tibor Tóth's scientific publications

by I. Pap and Sz. Makra, Budapest

1956:

A szovjet antropológiai kutatások helyzetéről, I. [On the anthropological investigations, II.]. — *Anthrop. közl.* (*Biol. közl. Pars Anthropol.*) **4**: 81-83.

1957:

A szovjet antropológiai kutatások helyzetéről, II. [On the anthropological investigations, II]. — *Anthrop. közl.* **1**: 61-66.

Antropologicheskaya rabota v Vengrii za poslednie pyat let [Anthropological investigations of Hungary of the last five years]. — *Sov. Antrop.* **1**: 101-104.

1958:

Gorizontalnaya profilirovka litsevogo skeleta drevnego i sovremennoego naseleniya Vengrii (v svyazi s problemoi proiskhozhdeniya vengerskogo naroda) [Horizontal profilization of the splanchnocranum of ancient and recent populations of Hungary (Problems of origins of Hungarians)]. — *Thesis* (Cand. of Biol. Sci.), Moscow, 11 pp.

Gorizontalnaya profilirovka litsevogo skeleta drevnego i sovremennoego naseleniya Vengrii (v svyazi s problemoi proiskhozhdeniya vengerskogo naroda) [Horizontal profilization of the splanchnocranum of ancient and recent populations of Hungary (Problems of the origins of Hungarians)]. — *Dissert.* (Cand. of Biol. Sci.), Moscow, 200 pp.

Profilation horizontale du crane facial de la population ancienne et contemporaine de la Hongrie. (Problème de l'origine des Hongrois). — *Crania hung.* **3**: 3-126.

Magyarország régi és jelenkorú lakossága arckoponyájának horizontális profilozottsága [Horizontal profilization of the splanchnocranum of ancient and recent populations of Hungary]. — *Anthrop. közl.* **2**: 87-92.

1961:

Gesichtsflachheitsuntersuchungen in der historischen Anthropologie. — *Anthrop. közl.* **5**: 123-129.

Mogilnik I. avarskego vremeni s. Szebény (VIII. v.) (The cemetery of Szebény I (VIII th century) from the Avar-Epoch). — *Annls hist.-nat. Mus. natn. hung.* **53**: 571-613.

1962:

A paleolitikum korai szakaszai a Szovjetunióban (Early phases of the Paleolithic period in the Soviet Union). — *Anthrop. közl.* **6**: 143-148., **7**: 100.

Az embertani szisztematika alapvető kérdései [The principal questions of anthropological taxonomy]. — *Anthrop. közl.* **6**: 107-116.

Baranya megye paleoantropológiai problémái (Paleoanthropologische Probleme im Komitat Baranya). — *Janus Pannonius Múz. Évk.* (1961) (Pécs): 85-90.

Le cimetière de Csákberény provenant des débuts de l'époque avare (VI^e et VII^e siècles). Esquisse paléoanthropologique. — *Annls hist.-nat. Mus. natn. hung.* **54**: 521-549.

O mongoloidnosti naseleniya avarskego vremeni v Zadunave (Mongoloidity of Avar Period population in Transdanubia). — *Vopr. Antrop.* **12**: 135-139.

Paleoanthropological finds from the Valley Hudjirte (Noin-Ula, Mongolia). — *Acta Arch. Acad. Sci. Hung.* **14**: 249-253.

1963:

Az embertani szisztematika alapvető kérdései [The principal questions of anthropological taxonomy]. — *Comm. Bibl. Hist. Med. Hung.* **27**: 241-256.

Gesichtsprofilanalyse. — In: Dezső Gy. et al.: Die Spätmittelalterliche Bevölkerung von Fonyód. *Anthrop. hung.* **6**: 146-148.

Methodische Fragen in der historischen Antropologie. — *Annls hist.-nat. Mus. natn. hung.* **55**: 551-554.

Some problems in the anthropology of the Conquering Hungarians. — *Annls hist.-nat. Mus. natn. hung.* **55**: 555-560.

Turko-finnugorskie vzaimootnoseniya v zone r. Beloi po antropologicheskim dannym [Turko-finnougric relations in the region of Belya based on the anthropological data]. — *Congr. Intern. Fennō-Ugristarum* (Budapest 1960) pp. 445-450.

A bogádi későrómaikori temető. (Paleoantropologiai vázlat). (Der Spätrömische Friedhof von Bogád) — *Janus Pannonius Múz. Évk.* (1962): 137-152.

1964:

The German cemetery of Hegykő (VIth c.). (A paleoanthropological sketch). — *Annls hist.-nat. Mus. natn. hung.* **56**: 529-558.

The principal questions of anthropological taxonomy. — *Comm. Bibl. Hist. Med. Hung.* **30**: 167-179.

1965:

A honfoglaló magyarság ethnogenезisének problémája (Problèmes de l'ethnogenèse des Hongrois Conquérants). — *Anthrop. közl.* **9**: 139-149.

Palaeoanthropological Findings from the Valley of the Huni. — *Annls hist.-nat. Mus. natn. hung.* **57**: 485-492.

The variability of the brain-weight by Homo. — *Comm. Bibl. Hist. Med. Hung.* **37**: 131-141.

The Variability of the Weight of the Brain of Homo. — In: *Homenaje a Juan Comas en su 65 aniversario*. Mexico, 2. pp. 391-402.

1966:

Avant propos — *Anthrop. hung.* **7**: 12.

Az ősmagyarok mai relictumáról [On the relicts of Proto-Hungarians]. — *MTA Biol. Oszt. Közl.* **9**: 283-299.

Sur les traits mongoloïdes des populations de l'époque avare dans le Bassin Carpathique. — In: *Atti del VI Congresso Internazionale delle Scienze e Preistoriche e Protoistoriche* (Róma 1962) Sez. V-VIII: pp. 311-314.

The period of transformation in the process of metisation (A paleoanthropological sketch). — *Annls hist.-nat. Mus. natn. hung.* **58**: 469-487.

1967:

Die Anthropologie und das Internationale Biologische Programm. — *Mitt. Sekt. Anthr. Biol. Ges. DDR* (Berlin) **19**: 23-26.

Észak-Dunántúl avarkori népességének embertani problémái (Les problèmes anthropologiques de la population avare de la Transdanubie du Nord). — *Arrabona* **9**: 55-65.

On the diagnostic significance of morphological characters. I. (A methodological study). — *Annls hist.-nat. Mus. natn. hung.* **59**: 443-454.

Some problems in the palaeoanthropology of Northern Mongolia. — *Acta Arch. Acad. Sci. Hung.* **19**: 377-389.

1968:

Antropologicheskii sostav naseleniya avarskogo kaganata. — In: Mezhd. Kongr. Antr. Etn. Nauk. (Moskva 1964), *Trudy* 7 (3): 278-279.

Das Problem der Ethnogenese des landnehmenden Ungartums. — In: *Congr. Sec. Intern. Fennno-Ugristarum* (Helsinki 1965) 2: 76-85.

Data to the anthropology of the Bronze age population in the Azov-Area. — *Anthrop. hung.* 8: 3-29.

O rannem etape etnogeneza vengerskogo naroda [On the early phase of the ethnogenesis of Hungarian people]. — *Habarlary*, Alma-Ata, 2: 68-71.

On the diagnostic significance of morphological characters. II. (A methodological study). — *Annls hist.-nat. Mus. natn. hung.* 60: 293-296.

1969:

Az ősmagyarok genezisének szarmatakorai etapjáról (Über die Sarmatenzeitliche Etape der Genese der Altungarn). — *MTA Tört. Oszt. Közl.* 19: 85-95.

On the diagnostic significance of morphological characters. III. (A methodological study). — *Annls hist.-nat. Mus. natn. hung.* 61: 401-412.

Problèmes de la genèse raciale et de l'ethnogenèse des trouvailles du bassin moyen du Danube. — In: Nemeskéri, J. & Dezső, Gy. (eds): *Evolutionary trends in fossil and recent Hominids, Symp. Biol. Hung.* 9 (Budapest), Academic Press, Budapest, pp. 101-106.

1970:

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Drevneishie periody proiskhozhdeniya protovengrov (Oldest periods in the origin of Proto-Hungarians). — *Vopr. Antrop.* 36: 149-160.

On the importance of the analysis of morphological modifications in palaeoanthropology. — Abstracts of the lectures delivered at the 9th Hungarian Congress of Biology (Budapest 1970), *Publ. Dem. Res. Inst.* 32: 41.

On the morphological modification of anthropological series in the Lithic and Paleometallic Ages, I. — *Annls hist.-nat. Mus. natn. hung.* 62: 381-392.

On the problem of origin of the ancient Hungarians. — *Congr. Tert. Internat. Fennu-Ugristarum* (Tallin 1970) (in press)

(& Firstein, B. V.): Antropologicheskie dannye k voprosu o velikom pereselenii narodov avary i sarmaty [Avars and Sarmatians]. — Nauka, Leningrad, 202 pp.

(Gladkova, T. D. &): Novye materialy po dermatoglifike uzbekov [New data to the dermatoglyphics of Uzbeks]. — *Vopr. Antr.* 34: 98-108.

1971:

Az ethnogenetis metodológiai aspektusai. (Korreferátum) (Methodological aspects in the ethnogenesis). — In: Ortutay, Gy. Népi kultúra — népi társadalom [Ethnic culture, ethnic society]. *MTA Néprajzi Kutatócsoport Évk.* 5-6: 367-368.

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Twenty-five years (1945-1970) of the Anthropological Department Hungarian Natural History Museum. — *Anthrop. hung.* 10: 5-30.

1972:

Ob izmenchivosti vesa golovnogo mozga i sovremenennogo sheloveka (On the variability of the brain in the Modern time.). — In: *Man. Evolution and intraspecific differentiation. Transactions of the Moscow Society of Naturalist*, Nauka, Moscow, 43: 195-201.

On the importance of the analysis of morphological modifications in palaeoanthropology. — In: Törő et al. (eds): *Advances in the biology of human populations*, Academic Press, Budapest, pp. 463-472.

On the morphological modification of anthropological series in the Lithic and Paleometallic Ages, III. — *Annls hist.-nat. Mus. natn. hung.* 64: 387-400.

(Gladkova, T. D. &): Dermatoglyphics of Hungarians (to problems of the Hungarian people). — *Report on 9 ICAES* (Chicago, September 1973). Nauka, Moskva, pp. 1-19.

1973:

Korai periódusok a magyar nép származásában (Early periods in the ethnogenesis of Hungarians). — *Anthrop. hung.* 12: 5-12.

On the morphological modification of anthropological series in the Central Danubian Basin. — *Annls hist.-nat. Mus. natn. hung.* 65: 323-350.

(Gladkova, T. D. &): Dermatoglifika vengrov [Dermatoglyphics of Hungarians]. — Ref. 9. *Int. Anthropol. Congr.* (Chicago 1973), Nauka, Moskva, pp. 1-20.

(Gladkova, T. D. &): Dermatoglyphics of Hungarians (to the problem of the origin of Hungarian people). — *IXth Internat. Congr. of Anthropol. and Ethnol.*, Nauka, Moscow, pp. 1-19.

1974:

On the Sarmatian phase in the genesis of Proto-Hungarians. — *Proceed. of the Intern. Conf. on the History, Arch. and Cult. of Central Asia in the Kushan Period* (Dushanbe 1968), Moscow, 1: pp. 210-218.

Somatologiya i paleoantropologiya naseleniya Vengrii (v svyazi s problemoi proiskhozdeniya vengerskogo naroda) [Somatology and paleoanthropology of the Hungarians (to the problems of their origin)]. — Thesis (Doct. of Biol. Sci.) (Budapest). 11 pp.

Somatologiya i paleoantropologiya-naseleniya Vengrii (v svyazi s problemoi proiskhozdeniya vengerskogo naroda) [Somatology and paleoanthropology of the Hungarians (to the problems of their origin)]. — Dissert. (Doct. of Biol. Sci.), Budapest, I-II. 649 pp.

1975:

(Gladkova, T. D. &): K probleme proishozdeniya vengrov podannym dermatoglifiki [Contribution to the problem of the Hungarians based on their dermatoglyphical data]. — *Vopr. Antrop.* 51: 43-57.

1976:

To the correlation between some dermatoglyphic and anthropometric traits. — *Acta FRNUC, Anthropol.* 23: 95-99.

1977:

Drevneisie periody v etnogeneze vengerskogo naroda [Ancient periods in the process of ethnogenesis of Hungarian peoples]. — In: *Voprosy iranskoi i obsei filologii* [Problems of the Iranian and general phylology]. Mecniereba, Tbilisi, pp. 280-291.

Morfogenetikai trendek az őskori Közép-Duna medencében (On the morphogenetic trends in the Central Danube Basin during the Prehistoric age). — *Anthrop. közl.* 21: 31-42.

Neolithic and Paleometallic populations in the Central Danubian Basin. — *Annls hist.-nat. Mus. natn. hung.* 69: 347-356.

(Gladkova, T. D. &): O raspredelenii kozhnyh na territorii Vengrii (novye dannye iz Karcag) (On the distribution of dermatoglyphics in Hungary (new contribution from Karcag)). — *Annls hist.-nat. Mus. natn.*

hung. **69:** 361-371.

(Tajti, T. Zsuzsa &): Adatok Délkelet-Dunántúl avarkori népességének embertanához (Data to the anthropology of the Avar period population of the South-eastern Transdanubia). — *Anthrop. hung.* (1976-77) **15:** 5-124.

1978:

On the morphogenetic trends in the prehistoric Eastern Mediterranean. — *Annls hist.-nat. Mus. natn. hung.* **70:** 359-368.

(Gladkova, T. D. &): Hungarian dermatoglyphics and their relation to the origin of Hungarian people. — In: *Dermatoglyphics, An International Perspective*, Mouton, The Hague, pp. 167-176.

1979:

Some factors in the morphological modification of human groups. — *Annls hist.-nat. Mus. natn. hung.* **71:** 321-328.

Some problems in the somatology of Hungarian people. — *Annls hist.-nat. Mus. natn. hung.* **71:** 315-319.

(Gladkova, T. D. &): The dermatoglyphical materials of Hungarians from Gyöngyöstarján and Kisfalud. — *Annls hist.-nat. Mus. natn. hung.* **71:** 329-339.-

1980:

Some anthropological problems of the early postglacial and historic Europoids. — *Annls hist.-nat. Mus. natn. hung.* **72:** 295-307.

1981:

Anthropological results concerning the ethnogenesis of Hungarians. — *Anthrop. hung.* **17:** (1980-1981): 5-22.

Anthropological results concerning the ethnogenesis of Hungarians. — In: *Abstracts of the Internat. Cent. Anthropol. Congress (Budapest 1981)* pp. 16-17.

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Some anthropological problems of Paleometallic populations of Central Asia. — In: *Proc. of the Intern. Symp. on Ethnic Problems of the Ancient Hist. of Centr. Asia (2nd Mill. B. C.)*, Dushanbe 1977, Nauka, Moskva, pp. 192-198.

The Anthropological Department in the history of Hungarian anthropology. — *Anthrop. hung.* **17:** (1980-1981): 109-121.

The odontological aspect in the ethnogenesis of Hungarians, I. — *Annls hist.-nat. Mus. natn. hung.* **73:** 305-312.

(Gladkova, T. D. &): The dermatoglyphics of Hungarians from Szendrő. — *Annls hist.-nat. Mus. natn. hung.* **73:** 313-324.

1982:

Anthropological results concerning the ethnogenesis of Hungarians. — *Humanbiol. Budapest.* **10:** 7-18.

Some anthropological problems of the neolithic Tisza-basin population. — *Annls hist.-nat. Mus. natn. hung.* **74:** 359-364.

The odontological aspect in the ethnogenesis of Hungarians, II. — *Annls hist.-nat. Mus. natn. hung.* **74:** 351-357.

(Gladkova, T. D. &): Dermatoglyphical data to the ethnogenesis of Hungarians. — *Humanbiol. Budapest.* **11:** 79-85.

1983:

- A reality in the early period of Hungarian ethnogenesis. — *Annls hist.-nat. Mus. natn. hung.* **75**: 351-360.
Kratkie vystupleniya po dokladam [A short comment to the lecture]. — *Congr. Quint. Intern. Fennogristarum* (Moscow 1980) pp. 213-216.
(Gladkova, T. D. &): Dermatoglyphics and ethnogenesis of Hungarians. — *Anthrop. hung.* (1982-83) **18**: 43-52.
(Gladkova, T. D. &): The differentiation of the skin patterns in the territory of Hungary. — *Anthrop. hung.* (1982-83) **18**: 75-84.
(Méhes, K., Keszei, K. &): Öröklődik-e a születési súly? [About the inheritability of birth weight]. — *Orv. Hlap.* **124**: 863-867.

1984:

- Some anthropological problems of the Mesolithic Europoids, I. — *Annls hist.-nat. Mus. natn. hung.* **76**: 323-334.
(Kondik, V. M., Gladkova, T. D. &): Spatial differentiation of dermatoglyphic traits on the territory of Hungary. — *Vopr. Antrop.* **73**: 72-80.

1985:

- Some anthropological problems of the Mesolithic Europoids, II. — *Annls hist.-nat. Mus. natn. hung.* **77**: 269-279.
Postglaciális történeti populációk antropológiája (Anthropology of postglacial historic populations). — *Anthrop. közl.* **29**: 31-35.
(Gladkova, T. D. &): Additional data to the dermatoglyphics of Hungarians. — *Annls hist.-nat. Mus. natn. hung.* **77**: 291-300.

1986:

- Anthropology of postglacial historic populations. — *Anthrop. hung.* **19**: 5-10.
Homo sapiens' groups in the Palaeometallic and Neometallic biosphere. — *Annls hist.-nat. Mus. natn. hung.* **78**: 319-328.
Some main problems in the anthropology of North Caspian Proto-Hungarians. — *Anthrop. hung.* **19**: 11-21.

1987:

- Men and nutrition in the Carpathian postglacial millennia. — *Annls hist.-nat. Mus. natn. hung.* **79**: 281-292.

1988:

- Environmental causality in the flatness of splanchnocranum. — In: *Abstracts of 12th Int. Congr. Anthrop. Ethnol. Sciences, Collegium Anthropol.* (Zagreb 1988) **12**: p. 345.
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(Gladkova, T. D. &): Ethnic dermatoglyphics of Hungarians. — *Annls hist.-nat. Mus. natn. hung.* **80**: 215-228.
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(Ováry, I., Donáth, T., Ferencz, CS., Adeghate, E., Molnár, A. &) Stereoecephalometry in anthropomorphology: Method and application. — In: *Abstracts of 6th EAA Congr.* (Budapest 1988) p. 26.

1989:

- On the frequency of shovel-shaped incisors in the Hungarians. — In: *Abstracts of the VIIth Internat. Symp. on Dental Morphology, Jerusalem, 1989*, pp. 86-87.

(Gladkova, T. D. &): About some rare traits in finger- and palmar dermatoglyphics. — In: *Abstracts of Humangenet. Symp., Bremen, 1989.*, p. 81.

1990:

Anthropological results concerning the ethnogenesis of Hungarians. — *Congr. Sept. Intern. Fennno-Ugristarum (Debrecen 1990) Summaria Dissertationum*, 2B: p. 209.

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(Pais, I. &): Nutritive element status of early postglacial populations. — In: Pap, I.(ed.): *Proceedings of the 3rd Symposium on Upper Palaeolithic, Mesolithic and Neolithic Populations of Europe and the Mediterranean Basin, Budapest* (in press)

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1966:

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