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Translation of Pak, S. M. 1970. Shtamm *Toxoplasma gondii* (SHP). Vydelennyi ot rechnykh krachek [= A strain of *Toxoplasma gondii* (SHP) isolated from the common tern]. *Voprosy Prirodnoi Ochagovosti Boleznei* [= *Contributions on the Natural Nidality of Diseases*, Alma-Ata, Kazakhstan, USSR 3: 49

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TRANSLATION NO. 29

Translated from Russian by Frederick A. Plous, Jr.
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Pak, S. M. 1970. Shtamm Toxoplasma gondii--SHP. Vydelennyi ot rechnykh krachek. [A strain of Toxoplasma gondii (SHP) isolated from the common tern.] Voprosy Prirodnoi Ochagovosti Boleznei. [Contributions on the Natural Nidality of Diseases.] Alma-Ata, Kazakhstan, USSR. 3:49.

A strain of Toxoplasma gondii was isolated on 13 October 1967, from three common terns Sterna hirundo L. caught on the north shore of Lake Sasykul' near the fishing village of Sagat, Semipalatinsk Oblast'.

On 20 September, 1967, two white mice were injected subcutaneously with 2 ml each of a suspension of brain from common terns in a physiologic solution of 1:3 with the addition of 500 units of penicillin and streptomycin. Three days after injection one of the mice died; no Toxoplasma was found. On 13 October the other mouse died; its peritoneal cavity contained about 0.3 ml of exudate in which 2 or 3 typical Toxoplasma could be seen per microscope field. Isolated proliferative forms of Toxoplasma were also found in stained section of brain, liver and spleen from this mouse.

In the first 4 passages white mice died with few Toxoplasma 4-8 days after injection. On successive passages the mice were injected with a suspension of brain; Toxoplasma was observed in large numbers, and the mice died 4-5 days after injection.

The Toxoplasma isolated was structurally identical with the typical forms of T. gondii. In successive infections of laboratory and other animals with the strain isolated from common terns it was established that this strain approaches in virulence the ethalone strain RH.

The Toxoplasma described is the first case of T. gondii isolated from common terns and supports the wide distribution of this parasite among wild birds.

We have designated this strain as SHP (the strain of T. gondii isolated from Sterna hirundo).