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Harry HOOGSTRAAL
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C'est avec une grande tristesse que je remplis ici un pénible devoir, celui d'évoquer la mémoire d'un ami disparu, le Dr Harry Hoogstraal.

Harry Hoogstraal naquit à Chicago, États-Unis, le 24 février 1917. Il mourut au Caire, Egypte, le 24 février 1986, le jour même de son 69^e anniversaire.

Pendant 36 ans, Hoogstraal avait été le chef du Département de Zoologie médicale du United States Naval Research Unit, Number Three, installé au Caire et mieux connu sous l'abréviation NAMRU-3. Ce département avait été spécialement créé pour lui.

Harry Hoogstraal est l'auteur d'un nombre impressionnant de travaux de parasitologie ou de microbiologie. Ses contributions les plus importantes sont celles qu'il réalisa sur les tiques dont il étudia la distribution, la systématique, la biologie et le rôle pathogène. Il était considéré, à juste titre, comme le plus grand spécialiste mondial dans ce domaine.

Ses recherches ont apporté de nombreuses données nouvelles dans nos connaissances de ces vecteurs, particulièrement en ce qui concerne la transmission, à l'homme ou aux animaux, d'importants agents pathogènes tels que les virus, les rickettsies, les bactéries et les protozoaires.

Harry Hoogstraal conquiert ses premiers titres universitaires à l'Université de l'Illinois. Il y obtint successivement le grade de Bachelor of Arts (BA) en 1938, puis celui de Master of Sciences (MSc) en 1942. Ses études seront interrompues pendant la 2^e guerre mondiale, et ce n'est que beaucoup plus tard et cette fois au London School of Hygiene and Tropical Medicine qu'il obtiendra son PhD (Docteur en Philosophie) en 1959 puis son Doctorat en Sciences (DSc) en 1971.

Hoogstraal était un amoureux de la nature et un passionné de la recherche et il le manifesta de façon active alors qu'il était encore étudiant à l'Université de l'Illinois. En effet, au cours des mois d'été de 1938 à 1942, alors que ses condisciples jouissaient paisiblement de leur repos annuel bien mérité, lui, Hoogstraal trouva le temps et les moyens d'organiser des expéditions entomologiques à Mexico.

Ses talents de récolteur et de chercheur lui valurent, au début de la 2^e guerre mondiale, d'être choisi pour accompagner une équipe médicale de l'armée américaine dans les jungles de Nouvelle-Guinée et des Philippines. Son rôle consistait essentiellement à étudier l'épidémiologie du paludisme, très répandu dans ces

* Éloge prononcé à la séance de la Classe des Sciences naturelles et médicales tenue le 24 février 1987.

régions. Le but de ses recherches était de mettre au point une méthode de prévention et de lutte efficace contre cette maladie afin de protéger les troupes américaines qui stationnaient dans ces régions ou qui allaient y être envoyées.

Au cours des années 1948 et 1949, il prit part à une expédition scientifique organisée conjointement par l'Université de Californie et la Marine américaine et qui visita l'Afrique Orientale et Madagascar.

A l'occasion de ces diverses missions, Hoogstraal fit d'importantes observations scientifiques et récolta une impressionnante collection d'arthropodes parasites ou vecteurs d'agents pathogènes.

Ses premiers travaux sur des sujets médicaux parurent entre 1943 et 1950. Ils portaient sur le paludisme et ses vecteurs ainsi que sur divers moustiques transmetteurs de maladies. A partir de 1950, il commença à s'intéresser plus particulièrement aux tiques et aux affections qu'elles transmettent, sans négliger pour autant d'autres affections parasitaires importantes transmises par d'autres vecteurs. C'est ainsi qu'il publia une longue série d'observations sur la leishmaniose et les phlébotomes au Soudan.

Hoogstraal publia encore de nombreuses notes sur divers autres sujets, par exemple les puces et les poux parasites des animaux sauvages, les mammifères d'Egypte, le transport d'arthropodes vecteurs par les oiseaux migrateurs, etc.

L'œuvre scientifique de Harry Hoogstraal comporte plus de 700 publications mais cette liste, bien qu'elle soit impressionnante, ne reflète cependant que d'une façon très incomplète son activité réelle avec tout ce qu'elle a apporté directement ou indirectement à la science ou à la recherche.

En effet, en plus de ses publications personnelles, il dirigea ou supervisa plus de 800 projets de recherche effectués par des chercheurs de son laboratoire ou de pays étrangers.

En outre, il est l'auteur d'un catalogue comportant plus de 80 000 références bibliographiques formant un ensemble de 8 volumes et consacré aux tiques et aux maladies qu'elles transmettent. C'est un ouvrage monumental et un outil de travail inestimable pour tous ceux qui, dans le monde, s'intéressent à ces vecteurs.

Un autre grand mérite de Hoogstraal a été de faire traduire et de publier en anglais plus de 2000 articles traitant de tiques et écrits à l'origine en russe ou dans une autre langue slave et qui étaient de ce fait inaccessibles à la plupart des spécialistes d'Europe occidentale ou d'Amérique.

Hoogstraal s'était constitué une bibliothèque monumentale comportant environ 200 000 livres ou publications traitant pour la plupart de sujets en rapport avec ses recherches.

Sa collection de tiques rivalise en importance avec celle du British Museum qui a toujours été considérée comme la première du monde.

Toutes ses collections ainsi que sa bibliothèque et les notes personnelles qu'il a laissées sont actuellement déposées au Smithsonian Institute, Maryland dans un département spécial désigné sous le nom de «Hoogstraal Collection and Tick Study Center». Ce centre est accessible à tous les spécialistes qui désirent consulter la

collection de tiques ou obtenir une information bibliographique. Ainsi s'est accompli un vieux rêve que Hoogstraal caressait depuis longtemps, à savoir la constitution d'un centre mondial de références sur les tiques.

Il serait trop long de donner ici la liste de toutes les fonctions qu'il a occupées ou des honneurs ou des distinctions scientifiques qui lui furent conférés au cours de sa carrière. Je mentionnerai seulement qu'il était président honoraire de l'American Society of Parasitology et que peu de temps avant sa mort il avait été élu président de l'American Society of Tropical Medicine and Hygiene. Il était membre de plus de 30 sociétés scientifiques de divers pays. Notre Académie l'avait élu membre correspondant en 1963 ; il devint membre honoraire en 1984. Il était aussi membre correspondant de la Société belge de Médecine tropicale.

Hoogstraal avait participé à plus de 50 Congrès ou Symposia internationaux, le plus souvent en qualité de Chairman ou de membre du comité.

En dépit des nombreux honneurs qui lui avaient été conférés, Harry Hoogstraal était resté un savant modeste et discret. Au premier abord, il donnait l'impression d'un homme timide et effacé mais aussitôt qu'on avait gagné sa confiance on découvrait que cette réserve cachait une nature chaleureuse et très généreuse.

J'ai eu le privilège de le rencontrer à diverses reprises au cours de congrès scientifiques ou à l'occasion de ses trop rares séjours en Belgique. Il se plaisait à rappeler que sa famille était d'origine hollandaise et il était fier de montrer qu'il était capable de se débrouiller en néerlandais.

J'ai aussi eu l'occasion de visiter son laboratoire au Caire et d'être reçu dans sa prestigieuse demeure, à Maadi, située dans un faubourg du Caire. Sa maison, avec un jardin grand comme un parc et peuplé d'arbres séculaires, faisait penser à quelque palais oriental. Il y recevait ses hôtes avec un raffinement et un faste extraordinaires qui s'harmonisaient parfaitement avec la splendeur des lieux. J'ai gardé de ma visite à Maadi un souvenir inoubliable.

Harry Hoogstraal ne s'était jamais marié. Il était probablement trop accaparé par ses recherches pour trouver encore le temps de fonder une famille. Son bonheur, il l'a sans doute trouvé dans ses recherches et ses découvertes. Il avait aussi formé de nombreux disciples qui étaient probablement pour lui autant de fils spirituels.

C'est avec une grande émotion que j'ai évoqué ici le souvenir de cet homme hors du commun. Notre Académie s'honore d'avoir pu compter ce savant remarquable parmi ses membres.

A. FAIN.

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dressée par James E. KEIRANS **

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