DEAR CORNELLIAN:

A distinguished member of the clergy, Joshua Loth Liebman once told about the influence of an older friend upon his life. He wrote: “Once as a young man full of exuberant fancy, I undertook to draw up a catalogue of the acknowledged goods of life. As other men sometimes tabulate lists of properties they own or would like to own, I set down my inventory of earthly desirables: health, love, comeliness, talent, power, riches and fame.

“When my inventory was completed I proudly showed it to a wise elder who had been the mentor and spiritual model of my youth. Perhaps I was trying to impress him with my precocious wisdom. Anyway, I handed him the list. ‘This,’ I told him confidently, ‘is the sum of mortal good. Could a man possess them all, he would be as a god.’

“At the corners of my friend’s old eyes, I saw wrinkles of amusement gathering in a patient net. ‘An excellent list,’ he said, pondering it thoughtfully, ‘well digested in content and set down in a not-unreasonable order. But it appears, my young friend, that you have omitted the most important element of all. You have forgotten the one ingredient, lacking which, each possession becomes a hideous torment.’
'And what,' I asked, tempering my voice with truculence, 'is that missing ingredient?'

"With a pencil stub he crossed out my entire schedule. Then, having demolished my adolescent dream structure at a single stroke, he wrote down three syllables: peace of mind. 'This is the gift that God reserves for his special protégés,' he said.

'Talent and beauty he gives to many. Wealth is commonplace, fame not rare. But peace of mind — that is His final guerdon of approval, the fondest insignia of His benevolence. He bestows it charily. Most men are never blessed with it; others wait all their lives — yes, far into advanced age — for this gift to descend upon them.'

"He scanned the doubt on my forehead. 'This is no private opinion of mine,' he explained. 'I am merely paraphrasing from the Psalmists, Marcus Aurelius and Lao-tsze. God, says each of these wise ones, heaps worldly gifts at the feet of foolish men. But on my head may He pour only the sweet waters of serenity. May He give me the gift of the untroubled mind.'

The old words Peace on Earth, so much a part of the hope of Christmas, seem also to be the paradox of Christmas, for even the most optimistic optimist must agree that the world is troubled; that there is not much evidence of peacefulness. The words have become calloused, time-worn; not really believed. But maybe that is because we have been waiting for a great arm to reach down from the heavens and spread the globe with the balm of peace, like spreading butter on a warm loaf of bread.

Perhaps we might find it by scanning inner space instead of outer space. There is an old medieval story with a central theme that God waits in the depth of our being to talk to us if we would be still enough to hear His voice. In that frame of reference perhaps the peace described by young Joshua's mentor becomes an inner experience before it can have outward manifestations. In that serenity of mind we find the buoyant promise of Christmas. And that is our wish for you. Merry Christmas!

* * * * *

"The time has come," the Walrus said, "to talk of many things: of shoes — and ships — and sealing wax — of cabbages — and kings —. The time has come, indeed — to talk of many things — and once again it is my privilege to report to you something about the activities in your Alma Mater. The story which I would relate is once again the story of people; great and wonderful artisans and craftsmen who are builders of knowledge and fabricators of new generations of veterinarians. They work not alone but with all kinds of support: technical, clerical, financial, maintenance, custodial and moral. But we cannot cover it all in one letter. Therefore, what you will find in these pages will not be complete. It will give you just a brief glimpse of old friends and some new ones. And above all I hope that you will get a feeling — such as I have — that the State Veterinary College at Cornell University is vibrant and moving, strong and productive, dynamic and worthy of its salt.

We will move through the College together in this delightful season of
the year, Department by Department, beginning, as do our students, with the Department of Anatomy.

Robert E. Habel has just returned from a sabbatical leave in Vienna where he worked in collaboration with Professor Oskar Schaller, Chairman of the International Committee on Veterinary Anatomical Nomenclature. The final deliberations and approval of the Nomina Anatomica Veterinaria, on which Bob worked in Vienna, marked the completion of the first edition of this work. Members of our Department of Anatomy in addition to Robert E. Habel, Howard E. Evans, Wolfgang O. Sack and the late Malcolm E. Miller played a significant role in the development of the book.

Howard E. Evans served as Head of the Department of Anatomy during Bob Habel’s sabbatic. His enthusiasm and scholarly interests in many of the ramifications of biology have not waned a bit, despite the demands upon his time. He is moving ahead at full speed in his studies on Varictrum embryopathies in sheep. He and Marion Newson, our fine staff artist, have prepared an excellent Guide to the Anatomy of the Parakeet and have prepared a section on the anatomy of the parakeet for Margaret Petrak’s book on Diseases of Cage and Aviary Birds.

It was our good fortune this year to have with us Dr. Hermann Meyer, Visiting Professor from Colorado State University. He taught Bob Habel’s course in applied anatomy and also offered an advanced course in neuromorphology for graduate students.

Wolfgang O. Sack has about three-quarters of the translation of Lehrbuch der Anatomie der Haustiere, Volume II, completed. He has been interested in the abdominal topography of the bovine with abomasal displacement and has been actively involved in the preparation of a magnificent collection of serially sectioned domestic embryos. This collection promises to be one of the most complete — and valuable — in the world. As soon as the cataloging will have been finished, the Department of Anatomy plans to prepare a brochure for distribution to scholars in this country and abroad, inviting them to come to Cornell to study the collection.

Alexander deLahunta has continued in his studies in clinical neurology and cytoarchitectonics of the central nervous system, collaborating with neurologists on the staff of the State University College of Medicine in Syracuse and with clinicians in our own Veterinary College. He has not lost a bit of his dynamism and puts as much energy and drive in his academic responsibilities and interests as he obviously did in practice. Working closely with Sandy is John F. Cummings who has been appointed Assistant Professor of Anatomy. Formerly on the staff of the Walter Reed Institute for Medical Research while fulfilling his military obligations, John is responsible for teaching histology and splanchnology. He and Sandy deLahunta have been collaborating with Dorothy F. Holmes in the Department of Microbiology and with David G. Haas, a neurologist in the Medical College in Syracuse, studying Coonhound paralysis. This is an ascending paralysis seen in dogs bitten by raccoons. It appears to be identical to the Guillain-Barre paralytic syndrome in
man, seen as a sequel to upper respiratory infection. The disease appears to have the characteristics of an allergic demyelinating polyradiculoneuritis.

During this past year Bob Habel was elected Vice President and Howard Evans Secretary of the World Association of Veterinary Anatomists. John Cummings was appointed as consultant to the Division of Neuropsychiatry, Walter Reed Institute for Medical Research. Howard was appointed Associate Editor of the Journal of Morphology and Vice President of the Cornell Chapter of Society of Sigma Xi.

PHYSIOLOGY

Before reviewing for you some of the fine work carried out by the people in our newly named Department of Physiology, Biochemistry and Pharmacology, I feel impelled to set the stage for the scientific linguistics that ebb and flow like the tide, in and out of the offices and laboratories there. This is the day of scientific ultrasophistication; the day of esoteric terminology. For example, calcium stearoyl lactate is a whipping agent for frozen egg white and vegetable oil topping. Dioctyl sodium sulfosuccinate is a wetting agent for dry gelatin dessert, and polyvinylpyrrolidone a clarifying agent for beer. This latter substance has lost face somewhere on the prestigious ladder of new and magnificent chemicals, having had its beginning as an artificial blood plasma substitute used by the Germans in World War II. But enough of that.

Now that we have introduced the garden variety of chemical names which have rather mundane uses in the food industry perhaps you will not look askance at Arthur L. Aronson when he speaks about the toxicity of calcium ethylenediaminetetraacetate in dogs, or Marion W. Anders when he explains how methylenedioxybenzenes inhibit microsomal drug metabolism. I would have to admit that unless you have a particularly consecrated interest in these compounds it is likely that they might make you somewhat tongue-tied. Arthur Aronson is interested in lead poisoning and has been studying CaEDTA, a chelating agent, for the treatment of cases of lead poisoning. Marion Anders is interested in the detoxifying mechanisms of liver microsomes, especially in relationship to organic pesticides.

In February, a high powered International Symposium on Microsomes and Drug Oxidations was held in Washington, D.C., under the auspices of the National Institute of General Medical Sciences. Marion ("Drag") Anders was one of the 34 selected participants; the only veterinarian among a bevy of biochemists, pharmacologists and physicians from research institutes and universities around the globe.

While the specialized interests of our two toxicologists Aronson and Anders are in the arena of experimental pharmacology, the rest of the department are working primarily in ruminant digestion. An appreciable portion of the clinical problems of ruminants relates to digestive disorders. Seventy-five per cent of the total energy requirement for the day is absorbed through the stomach. This justifies, in our opinion, the emphasis which the department places on the rumen.
Alvin F. Sellers, now on sabbatic leave at the Mayo Clinic in Rochester, Minnesota, and Alan Dobson, our genial physical chemist from Aberdeen, Scotland, are two of the "transport" men in the department, interested in blood flow, ion transport and water movements across the rumen epithelium. C. Edward Stevens is also a "transport" scientist who has worked so much in the rumen that he feels as though he is part of the fauna. He has studied asymmetric permeability characteristics of tissue membranes and the influence of a hydrogen ion gradient wherein organic acids are transported in one direction and bases in the opposite. He and Per E. Svenden, Graduate Assistant from Copenhagen, Denmark, are studying abnormal abomasal activity; particularly gas composition and volume in displacement of the abomasum. During Al Sellers' sabbatic leave, Ed is serving as Chairman of the Department.

Emmett N. Bergman continues in his studies of the problem of ketosis, and during this past year has devoted a considerable effort to the investigation of glycerol metabolism and gluconeogenesis in normal and ketogenic sheep.

Louis L. Nangeroni, collaborating with Nobel laureate Vincent duVigneaud, has established a bioassay laboratory to determine the physiological activity of synthetic posterior pituitary hormones and their structural variations.

John F. Wootton, Associate Professor of Biochemistry, has continued in his studies on the effects of acetylation upon the kinetic properties of the enzyme trypsin. During the summer William J. Arion, another competent biochemist, joined our staff as Assistant Professor to work collaboratively with John Wootton and William F. Fuerst. It is reassuring indeed to have men of the caliber of these studying biochemical phenomena of mammalian tissues and teaching biochemistry to our students.

There is a special electronics laboratory near the west end of the Physiology wing in which Francis D. McLeod, Jr., works. Francis is a biomedical engineering specialist, with a degree in electrical engineering. He is one of those unusual scientists who is able to create instrumentation that will measure the complicated kinetics of physiological activities. When you visit the College you should glance in his laboratory. You will be quite spellbound by the wiring of the circuits that you will see there in the recording instruments.

PHYSICAL BIOLOGY

This unique department, which investigates those biochemical and biophysical aspects of physiological processes that are fundamental to an understanding of the biological effects of radiation, has an impressive assemblage of facilities, including a subterranean total body radiation field and an IBM 1800 on-line computer. But more than that it has a staff of able scientists who know how to use the sophisticated equipment. For instance, Edgar L. Gasteiger, Howard Moraff, Frederick L. Hiltz and Daniel N. Tapper have been working together using this equipment in electroencephalomyelography; in studies designed to unravel the mysteries of memory. Some of the people in the department, including Dan Tapper,
are wrestling with animal behavioral phenomena as indicator systems for monitoring low level radiation exposure. And the department has been awarded a sizable grant from the Atomic Energy Commission to determine what effect a nuclear energy source might have in the living body if it were implanted to supply power over a ten year period for an artificial heart.

Francis A. Kallfelz, Robert W. Norrdin and Tom M. Neal have collaborated in studies on the intestinal absorption of radioactive iodine-labelled triolein and oleic acid. They have found this to be effective in the differential diagnosis of the malabsorption syndrome and for pancreatic dysfunction in the dog; problems of lipid metabolism which are associated with chronic enteritis.

Cyril L. Comar, Head of the Department of Physical Biology, received the Borden Award on the recommendation of the American Institute of Nutrition for his outstanding contributions to knowledge in the field of nutrition. Cyril is an international figure, recognized and respected for his scientific capacity and good judgment especially in the realm of fission products. He is sought out by many foreign governments — as well as our own national government — for advice and counsel on matters dealing with radioisotopes and the risks of exposure. Last year he contributed much to India, and the year before that to Yugoslavia. This year he participated in deliberations on radionuclides in Portugal.

Not to be outdone by the “boss” in international travel, Frederick W. Lengemann participated in programs dealing with nuclear energy and agricultural production in Chile and in Germany.

Dan Tapper was awarded a National Institutes of Health grant for his work in neural and behavioral correlates of skin sensibility. And Robert H. Wasserman reported on his studies on a vitamin D-dependent calcium binding protein. This is a finding which impresses me as being most significant in the understanding of calcium absorption and of the action of vitamin D.

Peter H. Craig and Francis Kallfelz have been studying bone metabolism from different standpoints than those of Bob Wasserman. Peter is concerned with strontium metabolism, using autoradiography and analytical radiochemical techniques to define bone retention of strontium. The impetus for these studies came from observations that bone localization of radionuclides has been associated with tumors of soft tissues in man and in experimental animals, particularly in the region of the jaw, teeth and ears. Francis is interested in bone growth rates as a function of age and is carrying out the studies in Beagle dogs. He is using radioactive calcium as a marker and is determining bone growth rate on a whole animal basis by programming the radioactivity curve in a computer. Francis also has been collaborating with Richard A. Wentworth, Fred Hiltz and Herbert F. Schryver (Director of the Equine Bone and Joint Disease Research Program) in the development and evaluation of a photon-beam bone scanner which is synchronized with radio-detection and counting equipment. Also, it is wired directly to an on-line computer for data collection and processing. As soon as it is calibrated, we anticipate that the instru-
mentation will have great value in studying bone metabolism in the living animal and will be useful in the diagnosis and prognosis of bone disease.

Alison P. Casarett, Assistant Professor of Physical Biology, is a biophysicist and mathematician. And that is not all. She is the mother of lively and talented nine year old twins, Lisa and Jennie. And, in a circumspect sense, she is a combination of mother and Simon Legree taskmaster for the ten college teachers enrolled in our Academic Year Institute in Radiation Biology which operates under her wing. I use the term "mother" here in the sense of maternal concern and compassion, despite the fact that some of the participants in the program who are her students are older than she is. Alison always has a smile and enough surplus bounce and energy to wear out an Olympic pacer. She is the only person I have known who at times seems to be lecturing at Wells College, Saint Augustine's College, and the Oakridge Institute for Nuclear Studies simultaneously. And in her spare time she wrote a book entitled Radiation Biology published this fall by Prentice-Hall. It deals with ionizing radiation in biological systems, radiation chemistry and radiation physics.

John C. Thompson, Jr., Associate Professor of Environmental Radiation Biology, is a fine economist with special expertise in food distribution channels. In addition he has special understanding of health physics problems in food chain contamination by radiation fission products. His delightful wife, Roxanne, and their children compete patiently—but effectively—for his affection with a hand-rubbed and much babied Model A Ford.

MICROBIOLOGY

The Department of Microbiology is an active, buzzing place, with bacteriologists and virologists, immunologists and cytobiologists sharing crowded quarters, wheeling racks of culture tubes in and out of rooms, preparing for class; carrying out advanced studies. Dorsey W. Bruner, meticulous typer of Salmonella and tenacious Yankee supporter, runs the department with the same quiet and precise dependability as an automatic liquid scintillation counter. And in that same no-fuss, no-furor, calm but exacting way he serves as Editor of The Cornell Veterinarian, probes the complex serological characteristics of the enterobacteria and teaches his nine hour course in microbiology and immunology. The course is so well planned and so scheduled that one rarely wonders what would happen if the timing were to slip off cadence. Working in biological systems, there is only one word to describe such a happening: chaos. But we do not see chaos. And we take for granted the skillfulness and knowledge of our microbiological scientists who keep a myriad of invisible living systems behaving as they want them to behave.

Ian Scott Gillespie, ambassador-at-large to Switzerland, will have celebrated his second birthday in Bern where he is introducing his mother and father to the ski slopes of the Alps. Father Jim (a paternal, not ecclesiastic, appellation) is on sabbatic leave, working in the laboratories of Professor Doctor Hans Fey, well known Swiss virologist. Jim was elected to the Research Reagents Committee, National Institute of Al-
lergy and Infectious Diseases, for a four year term. He has been and will continue to be very much involved in the characterization of feline viruses.

S. Gordon Campbell, with the heather of bonny Scotland still on his kilts and the burr of the “r” on his tongue, has pasted the brawny and fierce figure of a clansman on his office door. But despite the threatening implications of the figure on the door, his warm and ready smile and quick wit make him a popular and respected teacher and colleague. Except for its being a symbol of rugged Scotland, the figure on the door is disbelieved as an admonition; rather it is accepted as an identification. But don’t tangle with a Scot! Gordon has special interest in the phenomenon of hypersensitivity and is studying allergic manifestations of microbial infections.

Kyu M. Lee, Associate Professor of Virology, is a unique combination of veterinary virologist, cytobiologist, biochemist, immunologist and physician; a scientist of infinite patience, perseverance and dexterity. That is so necessary for one who would study the leukemias, especially from the standpoint of identifying and isolating an infectious agent, or from the standpoint of attempting to find antibody in cases of frank or insidious illness. He has been working toward the establishment of continuous cultures of bovine lymphosarcoma cells in suspension and has been growing such cells on bovine embryonic cells which serve as a feeder layer. Further, he has been carrying out immunological studies on feline lymphosarcoma virus in rabbits, anticipating the detection of group-specific antibodies by means of immuno-fluorescence or precipitin reactions. This work is time-consuming and tedious. Without clear-cut identifiable markers to indicate infection or antibody response there are discouraging days. To counteract these, Kyu is actively involved in feline rheovirus studies. During the last summer he served as a consultant and guest lecturer at the National University of LaPlata in Argentina and San Marcos University in Lima, Peru.

Dr. Reiji Takahashi, an immunopathologist from Japan, joined the staff of the Department of Microbiology as a Senior Research Associate for a two year period to work in the bovine lymphosarcoma project. He has completed one year of study and has proved to be an excellent colleague whom we appreciate having on the staff.

Catherine G. Fabricant, Research Associate in the department, is adding her scientific talent as a microbiologist to the ambitious program which Jim Gillespie has implemented on the biochemical and biophysical characterization of feline viruses. She is purifying them in cell cultures and producing specific antiserums to be used as laboratory reagents. Either some of her husband’s enthusiasm for mycoplasma has rubbed off on Catherine or hers has rubbed off on him. It is a matter of family effervescence. She is isolating strains from cats and is attempting to determine the significance of the isolates as primary or secondary agents in disease processes. And Catherine has other abilities too. Having had the good fortune to be born in Italy, she has inherited or acquired the remarkable culinary expertise of that country which explains, in part, Julius’ happy disposition.
James A. Baker and his staff at the Veterinary Virus Research Institute have been expanding their operations in an attractive new laboratory addition. Dedication exercises were held in April. President James A. Perkins participated and summarized the accomplishments of the Institute during the seventeen years of its existence. Work continues there on canine viruses, heterotypic immunity, and immunological studies on some of the cattle viruses. Leland E. ("Skip") Carmichael has been investigating the role of canine herpes viruses in neonatal death losses. He has been evaluating gas chromatographic techniques for detecting infectious canine hepatitis virus. And he has been studying infectious abortions in dogs, caused by Brucella canis. In addition to his scientific talents, Skip is quite a linguist, being the only member of the faculty who can converse in Arabic. With very little coaxing he masquerades as a guru; had quite a following at a recent clambake when the New England Veterinary Medical Society held its fall meeting.

PATHOLOGY

Equine infectious anemia continues to be a threatening cloud suspended over the heads of light horse sportsmen and their veterinarians. A team of fine scientists in the College has been working to develop a definitive laboratory diagnostic test. And that is not an easy task. The virus — if it is a virus — is elusive and does not stimulate protective antibody production. But Charles G. Rickard, Neil L. Norcross, Hans K. Adldinger, Mathias J. Kemen, Jr., Fernando M. Noronha, Leroy Coggins and Sidney R. Nusbaum are probing, chasing shadows, and running bioassays methodically. Eventually they will trap that slippery pathogen. When they do, they unquestionably will roll back several boundaries of ignorance about infectious agents which do not induce antibody response.

Clyde I. Boyer, Jr., Professor of Laboratory Animal Medicine, is working in very limited facilities, which we plan to expand appreciably, to develop a program of study in the diseases of caged rodents and subhuman primates. Currently he offers a graduate course in laboratory animal medicine and a series of lectures for the professional degree students.

The Diagnostic Laboratory, under the direction of Alexander Zeissig, has become involved quite extensively in tissue culture and related serological procedures to identify such viruses as infectious bovine rhinotracheitis, equine rhinopneumonitis, equine influenza, and bovine virus diarrhea. Al had a bit of surgery during the summer, but his post-operative snap-back was remarkably quick, and he is back in the saddle again.

The Clinical Pathology Laboratory has been expanding in volume and in scope of clinical laboratory procedures. These add essential parameters of refinement in the scientific practice of veterinary medicine. John B. Tasker, Jr., who was appointed Associate Professor of Clinical Pathology last year, combines his superb talents with those of John Bentinck-Smith so that we have two excellent men in this extremely important section. Jack has assumed responsibility for clinical biochemistry and bone marrow studies. And JBS continues to perform with the same exacting
input and output of a self-propelled computer in the other multifaceted areas of clinical pathology.

John E. Post and Fernando Noronha spend most of their waking hours delving into the tenacious problems of experimental oncology. They are involved in studies on the mastocytoma, canine lymphoma, canine venereal tumor, and feline leukemias. And Charles Rickard, who carries out his polybrachial responsibilities as Chairman of the Department of Pathology so effectively, also manages to keep a sizable proportion of his cerebral neurons ruminating over the insidious problems of neoplastic diseases.

John H. Whitlock and Jay R. Georgi continue to keep us well aware of the importance of parasitology, with John chipping away like a relentless stonecutter on the epidemiology of haemonchosis. Let me add, in the same metaphor, that he also polishes various-shaped mathematical models in experimental epidemiology which hypnotize those of us who are stone-age mathematicians. Jay has been absorbed in the labor of blending words and photographs to produce a pragmatic textbook on parasitology; one written from the viewpoint of a clinician.

Lennart P. Krook and Per Ake Henrikson, a visiting dentist from Gothenburg, Sweden, completed some studies which proved that loss of alveolar bone, associated with calcium deficiency, is the primary cause of periodontal disease; that dental calculi and gingivitis are of no first-order significance. This, of course, desecrates the sacrosanct beliefs of yesteryears. Both men have been subjected to the fiery darts of critics whose biases cloud the facts in a steam bath of emotionalism. But Krook and Henrikson have rugged Scandinavian connective tissue and have withstood the fire and brimstone with whimsical pleasure.

John M. King was appointed Associate Professor of Pathology to succeed Harvey J. Olander, who left to join the staff at Purdue University in diagnostic pathology. Before accepting this position, John was associated with the Carnegie Mellon Institute in Pittsburgh, Pennsylvania. John is enthusiastic, affable and able. He has a wry sense of humor and an insatiable scientific curiosity. He is the antithesis of Procrustean conformity, which makes him an unpredictable but inspiring individualist. Good teachers oftentimes have to do cartwheels backwards to keep the attention of the audience. And John surely can do that. He will be working with Edwin A. Holzinger, another first-rate pathologist who has drive, ability and enthusiasm. Our post mortem room is a lively place.

It was our good fortune to welcome Leroy Coggins back to the fold. He holds a B.S. degree in Dairy Science from North Carolina, the D.V.M. from Oklahoma and Ph.D. from Cornell. Previous to his appointment as Associate Professor of Virology he served for four years as Chief of Mission in a collaborative agreement between the United States Department of Agriculture and the East African Veterinary Research Organization in Muguga, Kenya, East Africa. His outstanding work there on African Swine Fever prompted Charles Rickard to invite him to join the staff of the Department of Pathology to work on the problem of equine
infectious anemia. Roy and his wife, Betty, have five young children who can converse with you either in English or Swahili, so take your choice.

AVIAN DISEASES

Those of you who read the avian disease journals know about the Hitchner strain of Newcastle Disease virus. And you know about the pioneering work done by the Head of our Department of Avian Diseases, Stephen B. Hitchner, in mass immunization methods against that disease, especially in relationship to its first cousin, infectious bronchitis. Undoubtedly you also know something about his work with other poultry vaccines. But did you know that while at Rutgers University, before he studied veterinary medicine, he was an All-American Lacrosse player? And I am sure you will also be interested to know that he is the proud father of five fine children, one of whom is now a Rhodes Scholar, studying at Oxford.

Steve and P. Philip Levine served as consultants to the Pan American Health Organization and together they offered a course in avian diseases at the National University of Buenos Aires, Argentina. Later in the year, Phil Levine, Gordon Campbell and I visited several faculties of veterinary medicine in South American universities. We traveled under sponsorship of the Rockefeller Foundation. Phil had served as a consultant and teacher in South America on several occasions over the years and his warm reception in each university which we visited was tacit evidence of the high esteem in which he is held by so many who know him.

Some weeks after we returned from South America, Phil's lovely wife, Selma, became acutely ill and passed away in August. Their devotion to each other is an inspiration to all of us. On the day before Selma died, Janet Ann Hagan, eldest of William and Esther Hagan's three children, passed away after a long illness. Despite her illness she always had a marvelously optimistic spirit. Somehow she and Selma Levine remind us of Malcolm E. Miller's great spirit of optimism. Maybe it can be expressed best through the words of the late medical missionary, Dr. Tom Dooley. In one of his last letters, he wrote this unforgettable passage to Father Theodore Hesburgh, President of Notre Dame University: "When the time comes, like now, then the storm around me does not matter. Nothing human or earthly can touch me. A wilder storm of peace gathers in my heart. What seems unpossessible, I can possess... What is unutterable, I can utter. Because I can pray, I can communicate. How do people endure anything on earth if they cannot have God?"...

During the year we missed the ebullience of Bruce W. Calnek who was on sabbatic leave at the Naval Biological Laboratories in Oakland, California. But he is back on the campus now, with his batteries charged, having participated in some advanced studies at the University of California and having participated in the research program of the Naval Biological Laboratories. He liked the opportunity to study without the burden of committee assignments. Maybe he was trying to get a point across when he told me that!

Malcolm C. Peckham, our faculty tennis pro, keeps the poultry diag-
nostic laboratory humming and, assisted by Dov Karpas, has continued
to provide instruction for senior students in avian post-mortem pathology.
Mai is not one to make a lot of noise about what he does but we are well
aware of his dependable conscientious abilities as a diagnostician in the
laboratory and as a teacher.

Mention the electrifying word "mycoplasma" to Julius Fabricant and
he goes into the mating dance of the ruffed grouse. I have never seen a
fellow who can maintain such a whirlwind of enthusiasm about his re­
search interests as Julius. Perhaps that is one of the reasons for the
volume of work that he does and for his worldwide recognition as a
mycoplasma expert. Donald E. Jasper, Visiting Professor from the Uni­
versity of California School of Veterinary Medicine, is spending his cur­
rent sabbatical leave with Julius.

LARGE ANIMAL MEDICINE, OBSTETRICS AND SURGERY

Ever since returning from "down under" where the wallaroo and bandi­
coot roam the Australian plains, Kenneth McEntee, Head of the Depart­
ment of Large Animal Medicine, Obstetrics and Surgery, has been devel­
opring a plan to establish an integrated program of postgraduate intern­
ships and residencies. This will have provision for a Master's degree and
(or) training for specialty board certification in the clinical arts and
sciences. Also we have asked the State to support a program of staff ex­
pansion in the clinical departments because the current case loads and
tutorial teaching loads are beyond those which should be expected of
willing and dedicated people. We have a fine staff of hard-working
clinicians; and they are overworked. They hardly find time to delve
deeply into academic studies which are of special interest to them. We
feel encouraged to believe that our fiscal colleagues of the State Univer­
sity of New York, at Cornell University, and in the Executive Division
of the Budget, State of New York, recognize the need and are willing to
provide the money for the positions. Without the judgment, wisdom and
well disciplined diagnostic acumen of the clinician, little else that we do
in veterinary medicine could be accomplished or would have meaning. So
Ken has been defining the qualifications he seeks in additional staff, and
has begun a search, trusting that salary and support money will be pro­
vided.

In the meantime more office space is under construction so we are
well on the way. Kyu Myung Lee has told us that there is an old Korean
proverb which says "To begin is to be half finished." So, we
are half finished.

Stephen J. Roberts has just returned this fall from a one year leave of
absence in which he revised his textbook entitled Veterinary Obstetrics
and Genital Diseases. He divided his time between the library and a
study in his home. And we understand that he had a sign on the outside
of the door to that study which threatens annihilation to anyone who
would have the temerity to cross the threshold. It seems to me that during
the long and painstaking period of updating and rewriting maybe Beejay
got the impression that the sign meant “No talking, Beejay!” When the new revision is published there is no doubt that it will be well done.

Steve serves on the Judicial Council of the American Veterinary Medical Association, and is veterinary consultant to the editor of the New York Thoroughbred Breeders Association journal. During his leave of absence, Dr. Leslie Ball of Colorado State University was appointed Acting Associate Professor of Veterinary Obstetrics. He introduced the use of artificial plastic uteri (which are designed to simulate uterine pressure in the parturient cow) for the practice of obstetrical manipulations and embryotomies.

Francis H. Fox, as you know, is a popular and respected Chief of Medical Services. Some of the students and some of our clients have taken the time to tell me how impressed they are with his diagnostic ability and clinical judgment. Before examining a case he is relaxed and affable, chiding and cajoling the students. But then the computer in his mind becomes wired to the case and he assumes the posture of a gimlet, boring into the nub of the problem. He is such an effective speaker, and can take it as well as dish it out so goodnaturedly, that we enjoy telling you about his sense of humor. But beyond our appreciation of that, Francis is a man of great professional competence and wisdom. The outstanding reputation which the College enjoys is due in large measure to him and others like him who are independent thinkers, men of strong will and action, and at the same time, members of the team. Francis was re-elected for another six year term to the Executive Board of the American Veterinary Medical Association, representing the New England–New York district. And he was elected to the Board of Directors of the American Association of Bovine Practitioners.

Renovations of the laboratory for the equine research program in bone and joint diseases was completed so that Herbert F. Schryver and Harold F. Hintz could begin their scientific probing. Herb and Robert M. Kenney, Associate Professor of Reproductive Pathology, collaborated in a series of lectures and laboratory exercises in special pathology. Harold taught a course in horse management in the College of Agriculture.

Donald D. Delahanty, Chief of Large Animal Surgery, never walks when he can run, is often checking patients before 7:00 a.m. and is in his office or in the operating room after 5:00 p.m.; a man of great energy and restless curiosity. I recall having seen him occasionally sitting alone at an odd moment in the lunchroom, holding a cup of coffee, and deep in thought. “What’s on your mind, Don?” “Dean, I am thinking about how I can improve my teaching; what I can do to make better use of the students’ time.” What a heartwarming experience to hear a man as busy as he is speak like that!

Robert B. Hillman has been holding Saturday morning classes in which senior students present and discuss particularly interesting cases in the clinics and hospital. Bob is now spending a sabbatical year at the University of Kentucky, working with Doctors Drudge, Loy and Bryans. We are sure that Bob will have a great experience there.

Wendell K. Loomis resigned from his position as Associate Professor of
Veterinary Surgery to become associated in an equine practice with John R. Steele in Vernon, New York. R. Kenneth Braun was promoted to Assistant Professor of Veterinary Medicine and is an energetic member of the ambulatory clinic staff. Richard C. Bartholomew, Assistant Professor of Veterinary Medicine, accepted a position on the staff of the School of Veterinary Medicine, University of Pennsylvania, and we know that he will contribute substantially to the program there.

John E. Lowe has requested the opportunity of transferring to the Equine Bone and Joint Disease Research Program from his appointment as Assistant Professor of Veterinary Surgery, so Kenneth McEntee is seeking a replacement for him on the teaching and clinical services staff. Jack runs the Friday noon Senior Seminar and is Secretary-Treasurer of the Southern Tier Veterinary Medical Association.

Jack C. Geary, Chief of Radiology, by rather ingenious planning has installed and is operating a new image intensifier for televised and videotaped fluoroscopy. The machine has a laminographic attachment for making cross sectional radiographs of the living patient. And, an Elema-Schonander automatic film changer, with programmer, was added to permit high speed sequential radiographs to be taken. After the installation was completed and the equipment placed in operation, Jack went to Europe to participate in some radiological meetings. He stopped off in Ireland. I thought that we would never get him back especially if he heard the ceol sidhe (music of the "wee folk"). He came back but there is a glint in his eye and I rather suspect that it has been put there by the shee who describe it in the gaelic tongue as gradh gach callin i mbrollach a léine meaning "the love of every girl is in the pocket of his shirt." Or maybe it's Irish stew, instead; a tribute indeed to Aithchen, patron saint of Irish cooks.

Alexander J. Winter, Professor of Veterinary Microbiology, who works collaboratively with Bob Kenney, Donald H. Lein and Kenneth McEntee in the Reproductive Diseases research section of the Department of Large Animal Medicine, Obstetrics and Surgery, has just installed a rather expensive and versatile amino acid analyzer for studies on the cellular composition of Vibrio fetus and other species of Vibrio.

Neil L. Norcross, Associate Professor of Immunochemistry and Director of the Mastitis Research program is our peppery, competent and tenacious New England horse trader whose perseverance in the sticky problems of mastitis is beginning to earn the laurels which he well deserves. A lengthy caravan of researchers have tried to come to grips with the cloudy problems of infection and resistance in mastitis, only to throw up their hands in frustration. But not Neil. He has been very astute in selecting competent co-workers and graduate students. They have whittled away at the tough bark of the disease, developing important bits and pieces of information. These are fitting a gratifying pattern of new knowledge about this troublesome problem of the dairy industry. Also, Neil has been working with Matt Kemen and Sid Nusbaum in equine infectious anemia studies.

Robert F. Kahrs, Assistant Professor of Veterinary Epidemiology, is
still enthusiastic about his inverted data processing system for clinical records. In this system he is collaborating with Don Delahanty, Ellis Leonard and Robert H. Whitlock. He has been waiting patiently for a laboratory facility to support the statistical aspects of epidemiological studies in selected diseases of meat and milk producing animals. As soon as Bob has what he needs for a well rounded program in these facets of epidemiology which relate to diseases of food producing animals, we hope to add another epidemiologist to the staff who will work in zoonotic diseases. Bob teaches the course in Infectious Diseases and a course in Epidemiological Methods and has been developing epidemiological models for immunogenic viruses, using bovine virus diarrhea as the prototype.

Henry O. Dunn and Donald H. Lein are Senior Research Associates in the Department of Large Animal Medicine, Obstetrics and Surgery. Don handles the field studies in the Reproductive Diseases Section and Henry works on cytogenetic factors in problems of infertility. He has become very adept in chromosome mapping techniques. His avocation, incidentally, is the Spanish guitar and he is a popular performer and member of the Savage Club.

Richard S. Guthrie, Supervising Veterinarian of the New York State Mastitis Control Program; Lincoln E. Field, Field Veterinarian at large; and Seth D. Johnson, Field Veterinarian at Ithaca, make up the home front professional staff of the Mastitis Control program. They work under the general supervision of the Director of the Program, Stephen J. Roberts. This is the 22nd year of operation of this outreach service of the College. It involves environmental studies, physical examinations of the dairy cows on participating farms, evaluation of milking methods, and determination of distribution patterns of the microbial flora in the udders. Streptococcus agalactia-free herds have been established on farms where mastitis once was a major problem. The efforts of the people in the Mastitis Control program have turned poor operations into profitable enterprises; a source of gratification for those intimately involved and for those of us who sit at some distance away and observe the progress. Dick Guthrie continues to raise prize gladiolus and keeps the College colorfully decorated in the fall of each year. Line Field is an avid sports enthusiast and, when he does not hook it, drives a fast ball down the fairway. Seth Johnson was recognized last summer at the AVMA meeting for his contributions to the dairy industry by having been selected for the Borden Award.

N. Bruce Haynes has been doing a commendable job as Extension Veterinarian for the College, under difficult conditions. He has been working on ways and means of instituting on-going programs of continuing education for those who want it and those who need it. Unfortunately these are not always the same people. Anyway, Bruce needs the resources of a sizable audiovisual studio and personnel to operate it so that we might provide descriptive aids in educational communication. He needs an operating budget to plan and implement workshops, probe-sessions, seminars and colloquia. The problems in providing these are twofold: space
and money. When we compare our financial support with that of sister institutions, we know that we are treated fairly. But when we see what ought to be done and what we have the capacity to do — in the public interest — we agonize over the limitations of our resources. But don't get the impression that we are wringing our hands in despair. On the contrary, we are determined to find the resources and welcome your suggestions. As matters stand now, 52% of our operating budget comes from resources other than the State of New York. As far as the State is concerned, therefore, we are operating the College on a 48 cent dollar, and if our operation is as good as we think it is, our sponsors are getting a fair return on their investment.

Well, we are looking at Bruce Haynes, not Mother Hubbard's empty cupboard, at the moment. He planned and executed a well received Summer Institute for Veterinarians, writes an informative newsletter, participates vigorously in extension programs and collaborates fully with our colleagues in the Extension Service, College of Agriculture. He is President of the American Association of Veterinary Nutritionists. And every once and a while he becomes philosophical. Last May, for example, in his column that appears in Veterinary News, the Journal of the New York State Veterinary Medical Society, he wrote the following introductory paragraph:

"Spring has reluctantly come to Ithaca and to the Cornell Campus, bringing with it a variety of flowers and a renewed interest in campus activity. A new variety, the variegated mini-skirt, has attracted a great deal of attention this year. These are found in isolated areas, primarily on the lower campus, and appear in (on) many different shapes. There is some question about their hardiness but hybrid vigor may cause them to proliferate." . . .

SMALL ANIMAL MEDICINE AND SURGERY

Ellis P. Leonard, Head of the Department of Small Animal Medicine and Surgery, remodelled and equipped a section of the hospital with appropriate monitors to function as an Intensive Care Unit. This was done in collaboration with Dr. Donald B. Martin, a small animal practitioner from East Oakland, California. He is now spending an academic year here with us developing and working in that Intensive Care Unit. This is a new experience for us and we feel very enthusiastic about it.

Robert W. Kirk was on sabbatical leave, taking advanced work in comparative dermatology at the Medical School, Stanford University, Palo Alto, California. Before he left Ithaca, he completed most of the editorial work on the third edition of the popular Current Veterinary Therapy. Lindley and Betsy Kent visited the Kirks in Palo Alto when they were vacationing in the area. Word reached us that they had planned to visit a "topless" nightclub, but one of them "chickened out," as the expression goes. We have not been able to determine who did the urging and who did the declining. But my guess is that neither Bob nor Lindley declined. It must have been Helen or Betsy.

George E. Ross, Jr., our skillful Associate Professor of Small Animal
Surgery, has bought a nice home and sizable piece of property on the Irish Settlement Road. Maybe that is because George raises Bloodhounds. Or maybe he raises Bloodhounds because he is on the Irish Settlement Road. You see, if you are Irish you will know all about the Tuath De Danan. These are the legendary "wee folk" who used to be the giant pagan gods of Innis Fodhlá (Ireland). Until robbed of worship and offerings they grew smaller and smaller in the popular imagination. Now they cannot be seen — but they're there! Some are the ban sidhe (ban-shees); and some the leith bhrogan (leprecauns). They'll likely not bother you unless you throw a bucket of wash water out the front doorway at dusk, or unless you step on a rolling tumbleweed or wisp of straw spinning in the wind. If you do that you are in trouble, unless, of course, you tip your hat and apologize. The shee are in the shadows of the doorway, or cavorting in the tumbleweeds or with the wisps of straw. They are very easily offended by being caught in an unanticipated drenching with discarded wash water or by interference with their pranks. And now you know why George Ross raises Bloodhounds on the Irish Settlement Road. For protection, of course.

We had a fine Assistant Professor of Small Animal Medicine until the snowcapped peaks and rolling grasslands of his homeland, colorful Colorado, wooed him back to Fort Collins. John A. Mulnix is a superb clinician, and Colorado's gain is our loss indeed.

Before the bells ring out the last day of this year, clinician Lon J. Rich will have completed the requirements for a Ph.D. degree in the Department of Small Animal Medicine and Surgery. He has carried out a study on feline urolithiasis which promises to be one of the most significant research developments of the decade. I am not going to steal his thunder by telling you about it but instead would urge you to keep a weather eye peeled for his published work.

ADMINISTRATION

When the College moved to its present facility at the east end of Tower Road eleven years ago, the area available for teaching and research was virtually the same as for the old facilities on the lower campus. Meanwhile our budget has quadrupled. In 1957 the College's faculty and staff totaled 170 people. Today that total is approximately 400. In 1957 the student body was increased from 40 to 60 students in the entering class when the College moved to the new facility. Then there were six graduate students; now there are 75. All of this in the same area as was available in 1957 — and as far back as 1938 for that matter — prompted us to request additional space.

Upon Alan and Jayne Grout's return from a year's service at the Hospital Albert Schweitzer in Deschapelles, Haiti, we asked Alan to help us in the development of a detailed proposal for the construction of a new multicategorical research building. The program of specifications was prepared and submitted to the planning offices for the State University of New York after having been approved by the Cornell University Board of Trustees. It has been studied and approved by State University and by
the Executive Division of the Budget. An architect was appointed and construction is expected to start about April 1970, with occupancy scheduled for the fall of 1972. In all probability this new facility will be a high-rise brick building with 62 laboratories, 85 offices and 25 support spaces. It will include 5 laboratory animal preparation rooms, 6 surgeries, 36 animal holding rooms, 5 electron microscope suites, and a much needed dining facility for students and staff.

While the research building is under design we must come to grips with another pressing need. It is generally agreed that we should expand our enrollment in the professional degree program. Our department heads have outlined what they feel is necessary in terms of new space, professional staff, supporting personnel and equipment. And now this must be transformed into a written program of specifications. So we have asked Alan Grout to assume responsibility for that.

Lindley C. Kent has been busy during the past year working with the Director of Finance for the State Colleges and with the department heads of the Veterinary College in restructuring our accounting system for computer programming. This is a sizable task because our operating budget now exceeds five million dollars per year.

Howard E. Quirk, whose title was Assistant to the Dean, was offered a wonderfully challenging position with the Victoria Foundation, so he moved to Newark, New Jersey, last summer. We miss his quick wit and genial manner. Being an ordained minister, he took a bit of chiding about proposing to establish a “Department of Veterinary Theology” in the College. One day a friend from the College of Agriculture called him. Having been alerted by his secretary as to who was calling, Howard picked up the phone and in his whimsical manner announced: “Department of Veterinary Theology!” There was a brief silence. And then the voice on the other end of the telephone wire exclaimed, “Oh, the hound of heaven!”

We have enjoyed that story and hope that you do. And it may be just the forerunner of others because, after having interviewed a half dozen or so applicants for the position vacated by Howard’s sally to Newark, I found another man of superb qualifications— who also happens to have a Bachelor of Divinity degree. There is nothing in the job description that requires the talents of the clergy, but it surely does not hurt to have an ally who has a direct pipeline to the “Commander-in-chief, upstairs.” Our new Assistant’s name is William H. Johndrew.

A. Gordon Danks, Professor of Surgery and Director of Student Administration, is sage and mentor for students, alumni and faculty, friend of the friendly and friendless, caller of a spade a spade, and judge advocate of the noontime coffee hour. He is on sabbatical leave. And naturally we miss him. He reports that for the past five years, 93.8% of students admitted have been graduated, a remarkable record which attests to the good judgment of the Committee on Admissions and the capacity and motivation of the students. One might suspect from such a record that the faculty is becoming soft and lenient in its grading practices. Those of you who are recent graduates and are still nursing the bruises of stiff examinations will undoubtedly agree that such is not the case. "Tis just that we have a group of fine students who are well motivated; young
people with determination and perseverance. During Gordon's absence, Ellis P. Leonard is serving as Acting Director, and Mildred Zien continues to handle the great volume of records that the office processes.

LIBRARY

The heart of an academic institution like ours is the Library, and Mia Reinap, our librarian, is the keeper of the chordae tendineae, which now represent more than 466,000 volumes in the stacks and almost 1200 serials for the current periodical shelves. The Alumni Society of the Veterinary College and the New York State Veterinary Medical Society have instituted programs in which donations of books are provided to the College Library in memory of deceased members of the profession. Some graduates have established endowments which have been very helpful in the purchase of books and serials. All this helps to keep the Flower Veterinary Library, named for the first benefactor, Roswell P. Flower, Governor of the State of New York, the finest of its kind in North America.

EMERITI

Every once in a while Donald W. Baker breezes through Ithaca on one of his flying missions representing the United States Department of Agriculture, Parasitology Research Station, Albuquerque, New Mexico. He is the envy of all of us, with his sun-bronzed vitality and exuberance for the splendor of New Mexico. He and Ruth have purchased a nice home in Albuquerque. On his last visit he had a sizable sample of Indian bread which was baked for him on a local reservation. It was blue-gray in color, paper thin, and rolled in such a way that it looked like a wasp's nest. Anyway, he generously distributed pieces of it for us to taste. After tasting it we are convinced that it was a wasp's nest. But it was good!

Hugh Dukes was one of the popular participants in the State Fair in Syracuse, giving his attention-holding lecture-demonstrations in Living Biology. We look forward to the return of Hugh and Mary to their apartment in Ithaca early in 1969. They have been living in Des Moines, Iowa, for several years.

Myron G. Fincher has been working as a special consultant for the Food and Drug Administration in Arlington, Virginia. He and Evelyn live within walking distance of his office and by fortuitous circumstances are closely associated with some friends who also served with them at the Ahmadu Bello University in Zaria, Northern Nigeria.

Herbert and Edwina Gilman visited us last summer. They are obviously very happy, living in Florida, and continue to enjoy the sport of kings, horse racing.

Peter and Harriet Olafson have been busy at home and in local activities since their return from South America last January. In expression of admiration and appreciation, the New York State Veterinary Medical Society selected him as Veterinarian of the Year in 1968. Quite a number of their friends are hoping to see the Olafsons build a fire in the old smokehouse to prepare some smoked mutton, Icelandic-style. The formula must have been handed down for generations from the rugged Scandinavian tribal chiefs because the flavor is out of this world.
Hadley and Dee Stephenson have kept the hearthstones warm at home since their last junket to Hawaii. Steve continues to work hard for the annual Gaines Veterinary Symposium on Newer Knowledge About Dogs. And he still serves as a key liaison figure, promoting the interest of the Veterinary Virus Research Institute among practitioners and others who contribute to its operations.

All in all, our emeriti are hale and hearty and we are delighted to report that to you. All of us owe so much to them.

NECROLOGY

"Hope born in the depth of winter's frozen waste
knows that some day spring will live again in the end­ness of time.
"And in a heart once touched by the snows of sor­row, it is the same glad hope that springs anew and sings of the eternal."

Word of the deaths of the following alumni has reached us during the year:

J. Stanley Clark ’14, Saint Joseph, Missouri
Harold C. Clark ’30, Geneva, New York
Joseph S. Clark ’14, St. Joseph, Missouri
Wilbur G. Collins ’38, Contoocook, New Hampshire
Kirksey L. Curd ’12, Philadelphia, Pennsylvania
Charles J. Curtin ’36, Moorefield, West Virginia
Charles S. Delahunt ’54, Ramsey, New Jersey
Walter E. Fritz ’11, Silver Creek, New York
Thomas A. Gage ’43, Kinderhook, New York
John V. Hills ’06, Tyler, Texas
Oby J. Hoag ’37, Greene, New York
Bradford A. Hyatt ’07, East Orange, New Jersey
Francis Levesque ’36, Oka, Quebec, Canada
Ernest V. Maginnis ’30, Greenwood, Arkansas
John A. McBee ’45, Tipp City, Ohio
Nicholas Paddock ’43, East Aurora, New York
Chester A. Roig ’10, Poughkeepsie, New York
Kenneth A. Shaul ’11, Cobleskill, New York
William M. Thomson ’16, Dagsboro, Delaware
Leland Tompkins ’12, Packanack Lake, New Jersey
Horace F. Wilder, ’26, Orchard Park, New York
Emery G. Wingerter ’40, Red Bank, New Jersey

Liberty Hyde Bailey was Dean of the College of Agriculture when James Law was Dean of the Veterinary College. Both were men of strong will. Both were trenchant, brilliant and a bit explosive. Our historians tell us that they often were fiery opponents, but time mellows memories and polishes the sharp edges of differences. We know them both as great men; one a botanist, the other a veterinarian.
Bailey, like Law, was a man of eloquence. Sprinkled among his scientific writings one finds an interesting collection of poems in which this man of steel and temper, energy and action, bullish determination and perseverance, expressed his thoughts and his moods. One in particular seems to show something of an inner calm that sustained him. He called it *Undertone*.

“From morning till night and everywhere
My days are full of their effort and care;
Full of labors to drive and schemes to test,
Of work to finish and knowledge to wrest;
And the known result of this noise and strife
Is what men and the world all call my life,—
This is the meed of the work that I own
Outspread on my life as an overtone.

But ever there runs through the work I own
The all-silent stream of an undertone.
This stream is myself as my life I live
And out of it flows all the strength I give.
It's the tone of hills and calm of the plain
The smell of the soil and the touch of rain;
’Tis a careful thought of the calm sweet grass
An abiding joy in the birds that pass
In the mite that lives in the growing shoot
And the changing tints of the leaf and fruit;
’Tis the melting snows, and the morning sun
And the soft gray days and the marshes dun;
’Tis appeal of frost and the fragile dew
Of the passing clouds and the depths of blue;—
Then a quiet heart that can give no sign
Of the sacred calms that are only mine,
Or the gentle sins that are part of me
As the silent twigs are part of the tree,
Or memories deep I cannot express
Any more than the tree in its wild’ness.

The peace of the winds is my undertone,—
I move with the crowd, but I live alone.”

May Liberty Hyde Bailey’s *peace of the winds* be your sustaining undertone in the days of the New Year.

Sincerely,

George C. Poppensiek