

SULLIVAN (W.R.) PAPERS

83-168

Correspondence, May 1, 1936 - May 23, 1947

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

ADDRESS REPLY TO
CHIEF, BUREAU OF BIOLOGICAL SURVEY
AND REFER TO

Bi-b-banding.

May 1, 1936.

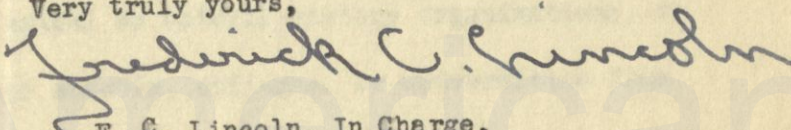
Mr. W. R. Sullivan,
Legion,
Texas.

Dear Mr. Sullivan:

Your letter of April 20 has been received. The Biological Survey still finds it necessary to curtail the issuing of bird-banding permits. We are willing, however, to make certain exceptions to our rule in this regard, particularly when the prospective cooperator is planning some special study that is believed of importance to these investigations, or when he is in a locality where the establishment of a trapping station will fit in with our plan of those already in operation. If you will write us giving an explanation of your plans along this line we will be glad to consider the matter. The enclosed application should be filled out and returned to this office with your letter.

Thanking you for your interest and offer of cooperation,
I am

Very truly yours,



F. C. Lincoln, In Charge,
Distribution and Migration of Birds,
Division of Wildlife Research.

Enclosures.

P. S. Your question regarding a collecting permit has been referred to another Division for reply.

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

IN REPLY REFER TO
GP-P
Scientific

May 4, 1936.

Mr. W. R. Sullivan,
Legion, Texas.

Dear Sir:

There is enclosed a form on which application may be made for a permit to take, possess, and transport migratory birds and their nests and eggs for scientific purposes, under Regulation 9 of the Migratory Bird Treaty Act Regulations. All questions on the application form must be fully and completely answered. Under this Regulation you are required to give the names and addresses of at least two well-known ornithologists, principals or superintendents of educational or zoological institutions, officials or members of zoological or natural-history organizations, or instructors in zoology in high schools, colleges, or universities from whom may be ascertained your qualifications for a permit.

The application must fully state the particular purpose for which specimens are desired. The statement "For scientific purposes" will not be sufficient.

Very truly yours,

Frank Gabrielson
A. A. Darling

Chief.

Enclosure
Form Bi.-397
Mar. 1935

After filling out the application, please send it
to Mr. Don A. Gilchrist, Regional Director,
P. O. Box 534, Albuquerque, N. Mex.
He will send it to this office after approving.

TRANSPORT MIGRATORY
PURPOSES

, 193

The

washington, D.C.

I, W. R. Sullivan, residing
at _____, Street, City of Legion,
County of _____, State of Texas,
apply for a permit to take migratory birds and their nests and eggs in the State of _____
for scientific purposes, and to possess, ~~buy, sell~~
and transport migratory birds and their nests and eggs for such purposes.

I certify that the answers to the following questions are true to the best of my knowledge and
belief:

1. What is your age? (Applicant must be over 16 years) _____
2. What is your occupation? _____
3. Have you read the Migratory Bird Treaty Act and the regulations thereunder? _____
4. Of what bird-study or bird-protective organizations are you a member? _____

5. State fully the nature of the scientific studies in which you are engaged that make it desirable
for you to collect migratory birds _____

6. Have you a private collection of birds' skins, mounted birds, or birds' nests or eggs? _____

National Geographic Magazine

Form BI-277
September 1934

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY

APPLICATION FOR A PERMIT TO TAKE, POSSESS, ~~BUY, SELL~~, AND TRANSPORT MIGRATORY
BIRDS AND THEIR NESTS AND EGGS FOR SCIENTIFIC PURPOSES

_____, 193

The Secretary of Agriculture,
Washington, D.C.

I, _____ **W. R. Sullivan** _____, residing
at _____ Street, City of _____ **Legion** _____,
County of _____, State of _____ **Texas** _____,
apply for a permit to take migratory birds and their nests and eggs in the State of _____
_____ for scientific purposes, and to possess, ~~buy, sell~~
and transport migratory birds and their nests and eggs for such purposes.

I certify that the answers to the following questions are true to the best of my knowledge and
belief:

1. What is your age? (Applicant must be over 16 years) _____
2. What is your occupation? _____
3. Have you read the Migratory Bird Treaty Act and the regulations thereunder? _____
4. Of what bird-study or bird-protective organizations are you a member? _____

5. State fully the nature of the scientific studies in which you are engaged that make it desirable
for you to collect migratory birds _____

6. Have you a private collection of birds' skins, mounted birds, or birds' nests or eggs? _____

7. If so, how were they acquired? _____

8. What disposition will be made of the specimens you collect? _____

9. To what class of birds (game or nongame) do you expect to devote your collecting activities? _____

10. If your studies are limited to particular species, state the number of specimens of each that will serve your purpose _____

11. Have you obtained a State permit to take birds? _____

12. If so, state the species and number of each you are authorized to take thereunder _____

13. Give names and addresses of at least two well-known ornithologists, principals or superintendents of educational or zoological institutions, officials or members of zoological or natural-history organizations, or instructors in zoology in high schools, colleges, or universities from whom may be ascertained your qualifications for a permit to take migratory birds _____

Signature _____

NOTE.—All questions **MUST** be answered fully and completely.

TELEPHONE
DISTRICT 3330

CABLE ADDRESS
NATGEOSOC, WASHINGTON

National Geographic Magazine
WASHINGTON, D. C.

FRANKLIN L. FISHER
CHIEF OF ILLUSTRATIONS DIVISION

May 6, 1936.

Mr. W. R. Sullivan,
Legion,
Texas.

Dear Sir:

We are glad to have seen the two photographs which you sent us with your courteous letter of April 24. The prints are returned herewith.

I am sorry that we cannot permit anyone to reproduce the paintings by Major Brooks. Our illustrations, all protected by international copyright, were made from originals which Major Brooks prepared especially for the National Geographic Magazine. They have been reserved for our own possible further use.

Very truly yours,

Franklin L. Fisher
Chief of Illustrations Division.

F:HV
2 prints returned

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON, D. C.

ADDRESS REPLY TO
CHIEF, BUREAU OF BIOLOGICAL SURVEY
AND REFER TO

June 11, 1936.

Bi-b-banding.

Mr. W. R. Sullivan,
Veterans Facility Hospital No. 93,
Legion, Texas.

Dear Mr. Sullivan:

Your application for a scientific birdbanding permit and letter of explanation have been received, and we regret the delay in this reply. Your account of the black-chinned hummingbirds and remarkable series of photographs have been examined with the greatest of interest. It seems to us that you have material to warrant the preparation of a very unusual report on this species. If you have the opportunity to prepare such a report we will be very glad to have a copy to incorporate in our files dealing with the life histories of North American birds.

After examining your application and reading your letter it appears that your only interest in obtaining a banding permit is for the sake of birds of this species, and we must accordingly advise you with considerable regret that it has not proved feasible to make bands small enough for hummingbirds. As a matter of fact this is the only group of North American birds we have been obliged to except from the banding work. To make bands small enough for these birds would require the services of an engraver. The smallest band now stocked measures .083, inside diameter, and we would like to have this made smaller if possible, but our manufacturers advise us that this is not feasible. Accordingly it is believed that the only way this project can be carried out would be for you to obtain a subsidy of some kind that would make it possible to go to the expense of having bands small enough for these birds engraved by hand. Such bands should be not more than 1/16" inside diameter, and should not be more than the same height.

We are delaying action on your application for a banding permit pending word from you, and will be glad to consider it favorably if it is your desire to take up the banding of other birds.

Very truly yours,

Fredrick C. Lincoln

F. C. Lincoln, In Charge,
Distribution and Migration of Birds,
Division of Wildlife Research.

Legion, Tex.
Jan. 12, 1940.

I would like to renew my request for permission to have the Black Chin humming bird for re-distribution to other parts of the Southwest - under guarded and carefully selected conditions - and for public bird collections in other parts of the United States. and I will greatly appreciate anything you might be able to do for me which would foster and extend the conservation of the Black Chin. Frankly I hope to

Doctor F.C.Lincoln, of my own activities embraced in U.S.Dept. of Agriculture, of my feeders by interest- Washington, D.C. and persons in the possibilities of this feeding humming birds and tentatively I'd say that I would begin by working with individuals or Veterans hospitals in select-

Mr dear Doctor Lincoln:

Several years ago I sent your department a sequence of photographs that I had made here of the Black Chin humming birds and I believe you placed them in your files. I regret that at the time I was unable to prepare a suitable history of this hummer as you suggested I might do but at the time it was impossible for me to do so. However, if you still desire something along this line and will indicate what you think will be acceptable as to subject matter and content I shall be glad to make an effort to furnish you with any data or information I might be able to get.

I have been especially interested in what appears to me to be an increasing ratio of male to female birds - a rough guess, 10 or 12 to 1 - which seems to become more apparent with each recurring season and my unsupported opinion concerning this is that the hummers have been so well protected here that the distribution curves have been broken in favor of the males. The birds make their first appearance here on or about the 15th. of March.

Within a few days I shall be sending you one of the humming bird feeders which I invented about eight or nine years ago and which I hope will be of passing interest to you and your colleagues. I take considerable pride in the feature embraced in the perforated cover, or lid, which keeps larger birds as well as certain insects away from the fluid. This feeder has been very successful in this immediate vicinity and it is my hope that I may be able to extend the range of its utility during the coming year. I made and sold locally more than 200 of them last summer and hope to double that figure in 1940. The cup on the hanger may be used in winter to contain suet or grain though it was intended primarily as a container for some ant controlling substance.

I should like to renew my request for permission to take the Black Chin humming bird for re-distribution to other parts of the Southwest -under guarded and carefully selected conditions- and for public bird collections in other parts of the United States. and I will greatly appreciate anything you might be able to do for me which would foster and extend the conservation of the Black Chin. Frankly I hope to increase the scope of my own activities embraced in the making and marketing of my feeders by interesting other areas and persons in the possibilities of thus feeding humming birds and tentatively I'd say that I would begin by working with individuals or organizations in other Veterans hospitals in selected sections of the country. For your information I am writing this from such a hospital where I have been receiving hospitalization for the past few years.

Trusting that I may have a favorable reply from you in the near future concerning my proposed project, and assuring you of my constant interest, I am

Sincerely yours

W.R.Sullivan

IN REPLY REFER TO

ADDRESS ONLY THE

IN REPLY REFER TO

ADDRESS ONLY THE
CHIEF, BUREAU OF BIOLOGICAL SURVEY

Bi-B-Banding

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON

February 12, 1940

Mr. W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

Upon my recent return to Washington I found awaiting me your letter of January 12 and I also have received the interesting hummingbird feeder that you have developed.

Although I well recall your interesting communication of a year or so ago, nevertheless I looked it up in our files and have re-read it, noting particularly the ideas you have had for further work with the Black-chinned Hummingbird.

The success of the feeder is attested by the number that you have sold locally and I see no reason why with a little advertising in some of the more popular bird magazines you might not expand your sales considerably. As you probably know, hummingbirds of one kind or another are found over a large part of the country and into southern Canada and I see no reason why all of them should not be attracted to this feeder. As an illustration, I am planning this spring to try the specimen you sent me on Ruby-throated Hummingbirds that are occasionally seen in my own garden and I am confident that it will work satisfactorily.

Following up this suggestion, I believe that I would try the following magazines: Bird Lore, National Association of Audubon Societies, 1006 Fifth Ave., New York City; Bird-Banding, James L. Peters, Editor, Museum of Comparative Zoology, Harvard University, Cambridge, Mass.; and Nature Magazine, The American Nature Association, 1214 - 16th St., N.W., Washington, D. C. All three of these have rather large circulations among the bird students of the country.

The disproportionate sex ratio of the Black-chinned Hummingbirds that you report is of special interest to me as this is a subject on which I have already done some research with other species. It seems to me that it would be very much worth while for you to go ahead and write up a complete account of your observations. We would be delighted to have this in the files of this Bureau and I am not sure but what you may have material that would be a

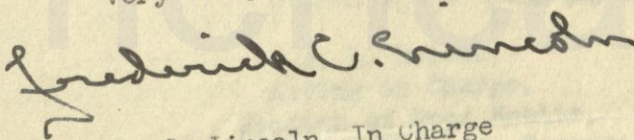
distinct contribution to science and so would warrant publication in one of the ornithological magazines.

While permits for the capture and transportation of birds is not in my province, I am satisfied that such an application to take these hummers for redistribution in the southwest would not be approved by the Bureau. In the first place, the Survey does not believe in attempts to introduce birds into areas outside of their natural ranges. Usually such attempts either are disastrous to the individual birds or else if the introduction is successful the result is unfortunate for other species that are native to the region of introduction. Since, however, these hummingbirds are migratory there would be no object in transporting them to other areas as they would immediately try to return to the area from which they originally came. Also, it should be remembered that the Black-chinned Hummer is found naturally from southern British Columbia east rarely to western Montana, and south to Texas and Lower California. I have personally found them common in western Colorado, Arizona and California.

So far as I know, the only zoological Park that is interested in attempting to keep hummingbirds in captivity is the New York Zoological Park. The Curator of Birds at that point is Mr. Lee S. Crandall and if he should be interested in having you attempt to ship him a few of these birds, the Survey might give favorable consideration to the issuance of a permit for the purpose.

You are making some very interesting studies and I hope that you will keep them up. Take full notes and keep us informed of other interesting developments that come to your attention.

Very truly yours,



F. C. Lincoln, In Charge
Distribution and Migration of Birds
Division of Wildlife Research

IN REPLY, REFER TO

FH-B
Hummingbirds

ADDRESS ONLY THE
CHIEF, BUREAU OF BIOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON

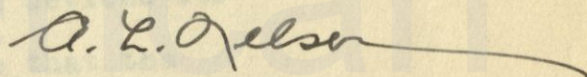
June 1, 1940.

Mr. W. R. Sullivan,
Legion, Texas.

My dear Mr. Sullivan:

Mr. F. C. Lincoln has shown us the model of a hummingbird feeder and pictures of hummingbirds at the feeder which you sent to him. We wonder if you would be interested in having your name and address included in the next revision of our list of Dealers in devices for attracting birds? A copy of this list is enclosed for your information.

Sincerely yours,



Enclosure 2623119

A. L. Nelson,
Acting in Charge,
Section of Food Habits,
Division of Wildlife Research.

Legion, Tex.

June 10, 1940.

Bureau of Biological Survey,
Washington, D.C.

Attention Mr. A.L.Nelson

Gentlemen:

In reply to your communication of June first inst. I should like very much to avail myself of your offer to include my name in the next revision of your list of dealers in devices for feeding humming birds, and I suppose that the name W.R.Sullivan, Legion, Tex. is all that is required. In event you wish more information I shall be glad to furnish it.

Thanking you for your kindness in bringing your publication to my attention, I am

Sincerely yours

W.R.Sullivan

IN REPLY REFER TO

Bi-B-Banding

ADDRESS ONLY THE
CHIEF, BUREAU OF BIOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF BIOLOGICAL SURVEY
WASHINGTON

June 18, 1940

Mr. W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

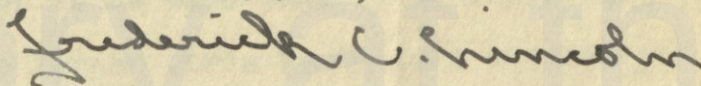
Your letter of June 10 has been received. While among my friends and acquaintances in Washington I don't happen to number any patent attorneys, I do have lawyer friends who know those specializing in patent work.

From such sources the names of the following two attorneys have been recommended to me and I pass them on to you: Mr. John Imirie, Munsey Building, and Mr. Paul A. Rose, 1319 F St., N. W.

In case you go ahead with the plans to patent the humming bird feeder, I will be much interested to learn the results. Certainly you have had remarkable success with it, indicating that it is of a superior design. I also will be glad to learn the results of this season's work with the hummers, as they are most interesting birds.

I am always glad to be of such service as I can, and with best wishes, I am

Very truly yours,



F. C. Lincoln, In Charge
Distribution and Migration of Birds
Division of Wildlife Research

Legion, Tex.

June 21, 1940.

Mr. John Imirie,
Munsey Bldg.
Washington, D.C.

Dear Mr. Imirie:

Your name has been referred to me as a lawyer who is in a position to handle filing patent rights. I am accordingly writing this letter to you in the hope that you may be able to give me some advice as to the procedure and costs of obtaining patent of a feeder for humming birds.

A few years ago, in 1932 to be exact, I invented a device for feeding humming birds and since that time have made and sold a number of them locally; I have also made some sales in other parts of the country. The feeder is so made that it is impossible for insects or even larger birds to disturb the hummers as they feed. It is this latter feature, especially, that I believe will enable me to make original claims for patent.

I should like to hear from you at your earliest convenience.

Sincerely Yours

W.R. Sullivan

Legion, Texas.

June 21, 1940.

Mr. John Imirie,
Munsey Bldg.
Washington, D.C.

Dear Mr. Imirie:

Your name has been referred to me as a lawyer who is in a position to handle patent claims and I am accordingly writing this letter to you in the hope that you will be able to give me some advice along this line.

A few years ago, in 1932, to be exact, I invented a device for feeding humming birds and since that time have made and sold a number of them locally as well as to persons in other parts of the country. The feeder is very effective, and is so made that it is impossible for insects or even larger birds to disturb the hummers as they feed. It is this latter feature, especially, that I believe will enable me to make original claims for patent. At any rate I should like to have your opinion (even a tentative one) on the matter.

Sincerely Yours

W.R. Sullivan

Phone:
METROPOLITAN 0995

JOHN IMIRIE
SOLICITOR OF PATENTS
MUNSEY BUILDING, 1329 E ST., NORTHWEST
WASHINGTON, D. C.

CABLE ADDRESS:
IMIRIEPAT

June 24, 1940.

Mr. W. R. Sullivan,
Legion, Texas.

Dear Sir:

I am in receipt of your favor of the 21st instant, inquiring the cost and procedure incident to obtaining a patent, and submit the following for your consideration.

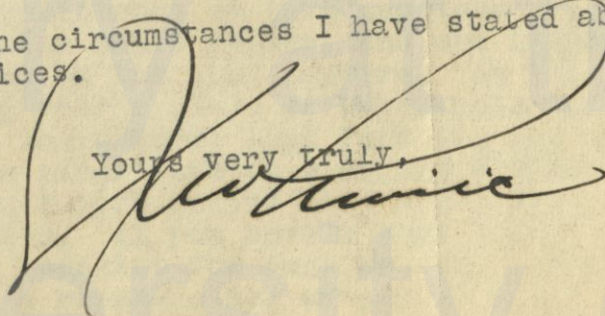
As I understand it, you have been making the subject matter on which you desire a patent since 1932 and that you have been selling the articles since that time.

If my understanding is correct, it will be impossible for you to obtain a patent at this late date for the reason that the oath you are required to make when filing an application for patent states specifically that the invention has not been in public use more than two years previous to the date of the application. If, therefore, you have been making and selling the article for more than two years, you could not consistently make the oath, and if you did and it afterwards became known, you would be placed in jeopardy by being charged with perjury.

If I have incorrectly interpreted your letter and you merely have experimented with the device more than two years ago and are satisfied with the experiments, and are now ready to proceed with an application for patent predicated upon the results of your experiments, I would be glad to take the matter up further with you.

In view of the circumstances I have stated above, I await your further advices.

Yours very truly,



I:C

Legion, Texas.
July 2, 1940.

Mr. Lee S. Crandall,
Curator of Birds,
New York Zoological Park,
New York City.

Dear Mr. Crandall:

Some time ago I received a letter from Doctor F.C. Lincoln which had to do with a request I had made concerning the taking alive of Black Chin humming birds, and in connection with what I asked there was the following paragraph: "So far as I know, the only zoological Park that is interested in attempting to keep humming-birds in captivity is the New York Zoological Park. The Curator of Birds at that point is Mr. Lee S. Crandall and if he should be interested in having you attempt to ship him a few of these birds, the Survey might give favorable consideration to the issuance of a permit for the purpose!"

Since the above remarks of Doctor Lincoln are in themselves self-explanatory, I shall not attempt to add to them other than to say that in the event you would like to have a limited number of Black Chin birds for your collection there I would be like to supply them for you. This, of course, is predicated on the assumption that the necessary permit will be forthcoming. At any ~~event~~ if you want them let me know and I shall immediately write the Bureau of Biological Survey and place the request before them. However, if this is not the correct procedure I would appreciate your clearing me up on that phase of the matter.

The Black Chin hummingbird in this immediate vicinity has been conditioned to take sweetened water direct from a specially built feeder, and one scarcely ever sees him feeding on the wing anymore. At the present time I am using over a quart of sugar-water each day to take care of those birds that feed outside my window and there are other feeding stations within a two or three hundred yard radius that are having about the same results. If you have a copy of the National Geographic Magazine for June or July, 1932, you will find in it a reproduction of one of Major Brook's paintings of the Black Chin.

Legion, Texas.
July 2, 1940.

Mr. Lee S. Crandall,
Curator of Birds,
New York Zoological Park,
New York City.

Dear Mr. Crandall:

Some time ago I received a letter

-2--2-

In closing, Mr. Crandall, please let me assure you that I have no desire to commercialize this offer, and the only stipulation that I would make in case you want the birds and permission is secured is that you pay transportation charges. I think the only logical way to ship them would be via Airmail.

Trusting that I may have an early reply from you, I am

Sincerely Yours

W.R.Sullivan

Legion, Texas.
June 28, 1940.

Mr. John Imirie,
Atty. at Law,
Washington, D.C.

Dear Mr. Imirie:

Please accept my sincerest thanks for your
very kind letter of the 24th. I

Legionn Texas.
July 3, 1940.

Mr. John Imirie,
Munsey Bldg.
Washington, D.C.

Dear Mr. Imirie:

This will acknowledge receipt of your letter dated June 24 inst. for which I thank you very much. The information concerning the length of time I have been selling the hummingbird feeder as it relates to a patent application, is something of which I have absolutely no knowledge. But since you state that "If I have ~~incorrectly~~ interpreted your letter and you merely have experimented with the device more than two years ago and are satisfied with the experiments...." I think that I should at least attempt to give you some idea of what I have done in order that you may judge for yourself.

I did invent the device in 1932 and have sold some feeders since that time, but I think it is important to add that all my activities have been confined to a purely handicraft basis. In other words the feeder was not manufactured on a commercial basis at all. Perhaps this will make some difference. If it does not make the important difference, however, please consider this in the light of what you wrote about my experiments with the feeder.

Now, concerning the experiments: the feeder that I hope to patent is not the same feeder that I first invented. In other words, it has been constantly improved, and if I am successful in prosecuting a claim for patent the feeder proper will incorporate an added feature that is not at the present time on the feeder.

You see, Mr. Imirie, the idea for this feeding device occurred to me in 1932. I made some of the feeders and sold them for a couple of years, worked at improving the feeder for some time and then turned out a new type which embraced all the features of the old and one important new one. I now want to patent the feeder which will contain the added improvement and in addition another principle, or feature would be a better word.

I think, then, that you will agree with me when I say that the hummingbird feeder has been undergoing a series of developments, or experiments; and since I have been working with and feeding the birds with the various types since the original idea occurred to me, there would be no difficulty in proving that the feeder which I now want to patent is, in essence, part of that sequence of development.

If this information is not sufficient I shall be pleased to write in a more detailed manner and furnish any data which will give you a clearer picture.

Trusting that I may have an early reply, I am

Sincerely Yours

W.R. Sullivan

PHONE:
METROPOLITAN 0995

JOHN IMIRIE
SOLICITOR OF PATENTS
MUNSEY BUILDING, 1329 E ST., NORTHWEST
WASHINGTON, D. C.

CABLE ADDRESS:
IMIRIEPAT

July 8, 1940.

Mr. W. R. Sullivan,
Legion, Texas.

Dear Sir:

Re: Contemplated Appln. for Patent

This is to thank you for your favor of the 3rd inst., and in view of the circumstances outlined, it is possible that you can obtain a patent, provided the invention is new and notwithstanding the exploitation of the earlier construction more than two years ago.

If you will forward me a model or a sketch and description of the invention, together with the usual preliminary examination fee of \$10.00, I will make a careful search through the records in the Patent Office and advise frankly with you whether or not, in my judgment, a patent can likely be obtained.

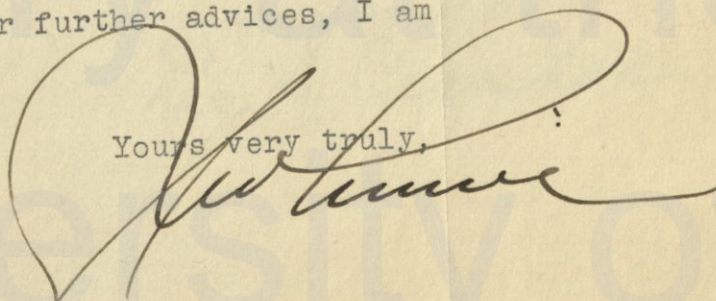
If the invention is what I term a simple one and amounts to an ordinary application, the fees will be as follows:

First government fee	\$30.00
Attorney's fee	100.00
Drawings per sheet	10.00
Final government fee	30.00

The final government fee is not due until after the application is allowed.

Awaiting your further advices, I am

Yours very truly,



I:C

TELEPHONE: RAYMOND 9-2090

New York Zoological Park
UNDER THE MANAGEMENT OF THE
NEW YORK ZOOLOGICAL SOCIETY
185TH STREET & SOUTHERN BOULEVARD, NEW YORK CITY

~~Dr. W. Reid Beaty, Director~~
H. R. MITCHELL, ACTING DIRECTOR

DEPARTMENT OF BIRDS
LEE S. CRANDALL, CURATOR

July Tenth
1 9 4 0

Mr. W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

Thank you very much for your letter
of the 2nd.

We would certainly like to have some
of the Black-chins but are somewhat doubtful about the
likelihood of success in shipping them so far, unless
this can be done by plane. I have never been able to
persuade the airplane people to accept birds and I
doubt if they are mailable. However, it may be that
you will be able to accomplish their acceptance. If
this seems likely, then I think it would be in order
for you to apply to Mr. Lincoln for a permit, which it
appears from his letter he will be willing to grant.

We will, of course, be very glad to
pay transportation charges.

Thanking you again for your interest,
I am,

Sincerely yours,

Lee S. Crandall

Legion, Texas.
July 15, 1940.

Eastern Air Lines,
San Antonio, Texas.

Gentlemen:

Please advise me if you will accept a shipment of ten (10) Black Chin humming birds for forwarding to the New York Zoological Park. No attention will be necessary, in the way of feeding, since the birds are accustomed to secure their food from an artificial device which will be placed in the cage. The weight of the cage should not be more than five or six pounds, and its size, I think, will correspond, roughly, to that of a canary bird cage.

Trusting that I may have an early reply from you,
I am

Sincerely Yours

W.R.Sullivan

Legion, Texas.
July 15, 1940.

Braniff Air Lines,
San Antonio, Texas.

Gentlemen:

Please advise me if you will accept a shipment of ten (10) Black Chin humming birds for forwarding to the New York Zoological Park. No attention will be necessary, in the way of feeding, since the birds are accustomed to secure their food from an artificial device which will be placed in the cage. The weight of the cage should not be more than five or six pounds, and in size it will correspond, roughly, to that of a canary bird cage. Please mention schedules when you reply.

Trusting that I may hear from you at once, I am

Sincerely Yours

W.R. Sullivan

Legion, Texas.
July 15, 1940.

Doctor F.C.Lincoln,
Bureau of Biological Survey,
Washington, D.C.

Dear Dr. Lincoln:

Yesterday I had a letter from Mr. Lee S. Crandall, of the New York Zoological Park, expressing a desire for live specimens of the Black Chin humming bird. I had previously written to him about them, being guided by your letter of Feb. 12, 1940. This letter is to request that you kindly send me a permit to make the shipment. Incidentally, I would count it a favor if you would forward the permit at once, and under air mail cover, since I am working on a pretty close schedule here.

As for the numbers of the birds: I thought that I would send six (6) females, and four (4) males. If the air line will accept them I intend to forward them by air express. However, in the event that the air line will not accept them, I think this will be my procedure: I will be going home to Wilmington, N.C., for a visit this summer and I can take the birds that far under regular express. Then I can reforward them from that point to N.Y. Mr. Crandall has agreed to pay the express or mail charges necessary to forward the birds.

Now, one thing more. If you can suggest any addition to the honey diet that I am going to send along with the hummers for iron rations, please do so. They will be en route, I imagine, not more than three days and I hardly think it would be necessary to make up a special food for them. However, please direct me accordingly if you think a different food should be provided. The number of birds I intend to send is more or less arbitrary, and for that matter, the ratio of six females to four males is too. If you think a better division would be possible, please let me know.

With best personal regards, I am

Sincerely yours

W.R. Sullivan

IN REPLY REFER TO

GP-Permits
Bi-B-Banding

ADDRESS ONLY THE
DIRECTOR, FISH AND WILDLIFE SERVICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
WASHINGTON

July 19, 1940

Mr. W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

In reply to your letter of July 15, there is enclosed herewith a special permit that will authorize you to capture 10 (6 female and 4 male) Black-chinned Hummingbirds and to ship them to Mr. Lee S. Crandall at the New York Zoological Park. I am sending this air mail as you request.

When it comes to providing food for these birds while in transit in addition to the honey diet you are using, I must admit that you are far out of my line. You have had much more experience than I in watching them feed. We know that minute insects enter into their normal diet, but obviously such would be difficult to provide. If my memory serves me correctly they have had previous exhibits of hummers at the New York Zoological Garden, so Mr. Crandall must know how those birds were handled. As we are sending him a copy of the permit that has been issued to you, I am enclosing with it a copy of this letter to the end that if he has any instructions on this matter he can get them to you with a minimum of delay. I do think it might be wise to ship the birds by air express and I see no reason why the air transport companies should not accept such a shipment.

I will be interested to learn the success of this project and with best wishes, I am

Sincerely yours,

Fredrick C. Lincoln
F. C. Lincoln, In Charge
Distribution and Migration of Birds
Division of Wildlife Research

Legion, Texas.

July 21, 1940.

Game, Fish and Oyster Commission,
Austin, Texas.

Gentlemen:

I have just received a permit from the Bureau of Biological Survey to capture ten Black Chin Humming-Birds for shipment to the New York Zoological Park, but since I am at a loss as to how I should proceed under state law, I shall make no attempt to take these birds until I hear from you.

At the outset, let me say that my desire to supply the above named Park with these live specimens is not conditioned by any expectation of financial reward. I am making no charge for my services and, in the event that I am able to send them the birds, I only expect that they will pay the transportation charges. This is all I ask.

(2)

Although I have read a resume of House Bill #275 which provides for the licensing of Game Breeders in Texas, I still am not clear on the status of an individual who simply wishes to contribute a few birds to a scientific collection, an individual who is genuinely not interested in going into business. It is on this basis that I should like to have your ruling. My permit from the Secretary of The Interior to take the ten Black Chin hummers (4) Male and (6) female, is No. 4748, dated July 19, 1940.

Assuring you in advance of my appreciation for your courtesy in this small matter, and trusting that I may have a prompt reply, I am

Sincerely yours

W.R.Sullivan

Copied from

the collections

of the Dolph

Briscoe Center

for American

History at the

University of



TELEPHONE: RAYMOND 9-2090

New York Zoological Park

UNDER THE MANAGEMENT OF THE

NEW YORK ZOOLOGICAL SOCIETY

185TH STREET & SOUTHERN BOULEVARD, NEW YORK CITY

~~Dr. W. Reinhardt, Director~~

~~Dr. W. Mitchell, Taxidermist~~

DEPARTMENT OF BIRDS
LEE S. CRANDALL, CURATOR

July 24th
1940

Mr. W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

Many thanks for copies of the letters relative to your proposed shipment of hummingbirds. The authorities have been very liberal in giving permission and if the airplane people will be as cooperative, there seems every chance that the project may prove a success.

My only suggestion as to food is that it should consist of honey and water, not sugar and water. Curiously, we have found that when hummingbirds are accustomed to sugar, we cannot get them onto our more complicated diet, while birds on honey accommodate readily. I feel that a good supply of honey water would be sufficient for what should be no more than an overnight trip. If you are able to secure and introduce some *Drosophila* or fruit flies, they might help, but I do not believe this to be essential.

If permission to send the birds by air is secured and you will advise me as to the arrival time, I will personally meet the plane and secure delivery, if mail authorities will permit.

Sincerely yours,

Lee S. Crandall

LSC:D

NEW YORK BOTANICAL SOCIETY
1935 STREET 2 SOUTH 100 SOUTH NEW YORK CITY

ALL
1 3 0

Dear Sir,
I have the honor to acknowledge the receipt of your letter of the 1st inst. in relation to the matter of the New York Botanical Society. I am sorry that I cannot give you a more definite answer at this time, but I am sure that you will understand the position of the Society in this matter.

I am sure that you will understand the position of the Society in this matter. I am sure that you will understand the position of the Society in this matter. I am sure that you will understand the position of the Society in this matter. I am sure that you will understand the position of the Society in this matter.

Sincerely,
Lee H. Brown



A. E. WOOD, CHAIRMAN
AUSTIN
MURRELL L. BUCKNER,
DALLAS
D. K. MARTIN,
SAN ANTONIO

OFFICE OF
GAME, FISH AND OYSTER COMMISSION
AUSTIN, TEXAS



DEE DAVENPORT,
MISSION
GENE HOWE,
AMARILLO
W. O. YARBROUGH,
CORPUS CHRISTI

WM. J. TUCKER,
EXECUTIVE SEC'Y
AUSTIN

July 25, 1940.

Mr. W. R. Sullivan,
Legion, Texas.

Dear Mr. Sullivan:

Before you can be permitted to capture any of the birds of this State it will be necessary for the agency out of this State that wants such birds to inform us of what good scientific purpose they would serve.

No one is permitted to take birds in this State unless he has a permit from this Department and the law does not give us authority to issue such permits unless the birds would serve some recognized scientific purpose.

With best regards, I am

Sincerely yours,

Wm. J. Tucker,
Executive Secretary.

WJT:w

DEE DAVENPORT
MISSION
GENE HOWE
AMARILLO
W. O. YARBROUGH
CORPUS CHRISTI

OFFICE OF
GAME, FISH AND OYSTER COMMISSION
AUSTIN, TEXAS



A. E. WOOD
AUSTIN
MURPHY L. BUCKNER
DALLAS
B. K. MARTIN
SAN ANTONIO

W. J. TUCKER
EXECUTIVE SEC.
AUSTIN

Before we can be permitted to capture any
of the birds of the State it will be necessary
to have a list of the birds that are such
birds to insure us of that good reliable source
of our work.

No one is permitted to take birds in this
State unless he has a permit from this Department
and the law does not give us authority to issue
such permits unless the birds would serve some
recognized scientific purpose.

With best regards, I am

Sincerely yours,



Legion, Texas.
August 27, 1940.

531 Highland Blvd
August 8, 1940

Dear Sullivan;

I was unable to contact Mr. Starke yesterday but caught him this morning. He says he uses the following mixture:

- 1 pint water
- 3 teaspoons Eagle Brand milk
- 3 " Mellens Food
- 2 " strained honey
- 1 small piece (about size of a pea)
of beef extract

Mix these ingredients thoroughly and keep before birds.

Where birds are to be kept for long periods, he suggests that you raise some fruit flies for them.

He says it is necessary to change the feed several times a day, as it sours rapidly.

Here's hoping that this will help you to get your little charges safely through to their new home and enable them to live a long time thereafter.

I'll be out for air August 20th and if that isn't too late for you I'll be glad to bring you in and take you out to the airport if you will let me know by the 18th that you would like to come with me.

Best regards,

Fred E. Jawcett

ker,
e Sed

Legion, Texas.
August 27, 1940.

Mr. Lee S. Crandall,
New York Zoological Park,
New York City.

Dear Mr. Crandall:

This is a belated reply to your very kind letter of July 24, and I should like in the beginning to express my sincerest regret at waiting so long to write. The reason is this: I have not been at this address for about a month now, (the address covers a Veterans Facility Hospital), but was home for a thirty day leave of absence.

Since you have received copies of the letters which passed between the Biological Survey and myself regarding the shipment of the Black Chin birds, I am adding the following as a copy of a letter which I received from the Game, Fish and Oyster Commission, Austin, Texas, in reply to my letter requesting permission to take the ten birds as authorized by the Survey. Incidentally, I inserted the permit number (#4748) which had been assigned to the Black Chin birds. I hoped that this might at least expedite my taking and handling the birds. Here is the copy:

"Before you can be permitted to capture any of the birds of this State it will be necessary for the agency out of this state that wants such birds to inform us what good scientific purpose they would serve.

"No one is permitted to take birds in this state unless he has a permit from this Department and the law does not give us authority to issue such permits unless the birds would serve some recognized scientific purpose....

(This was signed by Wm. J. Tucker,
Executive Sec)

Dated July 25, 1940.

(2)

In view of the fact that I had indicated in my letter to the Commission just where the birds were to go, and what purpose they were to serve, it seemed to me that nothing further could be done until I returned from my visit home. I had waited several days for permission from the Commission, thinking that I would be able to carry the birds through on the train with me as far as Wilmington, N.C., which was my destination, and when the letter which I have quoted finally came through I thought it best to let the whole thing rest there for the time being. The idea to carry the birds with me at least part of the way, and then tranship them to you from Wilmington, was occasioned by the fact that both air lines operating out of San Antonio, Texas (Braniff Airways, and Eastern Airlines) had previously refused to take shipment of the birds. I felt sure that the short trip from Wilmington to N.Y. would not harm the birds, and I am even convinced that they can easily make the trip by train from Texas. This, as far as I can see, brings the case down to date.

The humming bird season will soon be over here. In fact, at the present writing there are only a few birds left and these will not be here much longer. However, I have not given up entirely the hope of sending you the birds, and if you can secure the permission from the State Fish, Game and Oyster Commission for me to take the birds, I shall be glad to make the attempt. On the other hand, if you think that it will be best to make another attempt next season I shall be glad to do what I can then, provided I am still here. The permit that was issued to me by the Biological Survey must be returned with a report by a certain date, therefore I should like to clear the matter up as soon as I possibly can.

I read with interest what you said concerning the feeding of the birds, and if we finally get them off I'm sure that they will have enough of everything they need to keep them strong and healthy until they arrive.

With best personal regards, and assuring you again of my regret at waiting so long to write, I am

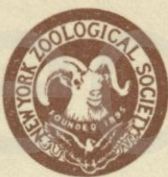
Sincerely Yours

W.R. Sullivan

NEW YORK ZOOLOGICAL SOCIETY

ALLYN R. JENNINGS
General Director
Zoological Park and Aquarium

HARRY SWEENEY, JR.
Assistant General Director



CHARLES M. BREDER, JR.
Director, Aquarium

WILLIAM BEEBE
Director
Department of Tropical Research

ZOOLOGICAL PARK . . . Bronx Park, New York City, Raymond 9-2090
AQUARIUM Battery Park, New York City, Whitehall 4-1560
TROPICAL RESEARCH . . Bronx Park, New York City, Raymond 9-2090

September 4th
1 9 4 0

Mr. W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

After all of your hard work on the hummingbird project, with what seemed to me remarkable success, it is unfortunate that the State requirements should prove such an obstacle. On the other hand, I do not believe that this is obstructive, but rather an effort to comply with regulations. I should expect that we could convince the State authorities of the scientific and educational value of the project but it appears that by the time this has been accomplished, the birds will have become unobtainable.

I am reluctant to abandon the idea, but it is useless to go through further formalities to no purpose. However, I do not give up the hope that we can get a shipment through next year, if we begin a little earlier. I do not think spring birds, in breeding condition, would do well and also it would be desirable to allow them to breed. After the nesting season but before migration is the favorable period for the trial.

I hope you will still be at Legion next year, for I am sure a determined effort will result in success.

Sincerely yours,

Lee S. Crandall
Curator of Birds

D

ZOOLOGICAL PARK: WILLIAM BRIDGES, Curator of Publications; LEE S. CRANDALL, Curator of Birds; RAYMOND L. DITMARS, Curator of Mammals and Reptiles; LEONARD J. GOSS, Curator of Health; CLAUDE W. LEISTER, Curator of Educational Activities; FREDERICK M. EISNER, Chief Clerk • AQUARIUM: CHRISTOPHER W. COATES, Aquarist; ROSS F. NIGRELLI, Pathologist • DEPARTMENT OF TROPICAL RESEARCH: JOCELYN CRANE, Technical Associate; GLORIA HOLLISTER, Research Associate; JOHN TEE-VAN, General Associate

Legion, Texas.
Dec. 30, 1940.

Bureau of Biological Survey,
Washington, D.C.

(Attention Dr. F.C. Lincoln)

Gentlemen:

In accordance with instructions embraced in the enclosed Permit #4748, issued to the undersigned, I am returning it unused, and at the same time I am also attaching my correspondence with Mr. Randall of the New York Zoological Park, as well as that with the Game, Fish and Oyster Commission of Texas, which will, I hope, explain my failure to take advantage of the permit which your Department so kindly secured for me. Since Mr. Randall has indicated that he still wished to have the birds, I should like to request that this permit be renewed for the year 1941, if that is satisfactory.

Upon re-reading the permit, I find that taking the birds is specifically prohibited "on Federal wildlife reservations, preserves, and refuges", and this raises a bit of doubt in my mind as to how I should proceed in the future, since it will be necessary for me to capture the birds here at the Veterans Hospital. If I am not greatly mistaken this station has been designated a refuge (parenthetically I might add that I think our work here with the Black Chin was largely responsible for this designation) and though I anticipate full cooperation from the local Manager in charge, I'd really like to be positive on where I stand on this particular clause before I proceed further. Will you kindly give me a ruling on this if and when the permit is renewed?

I shall attempt to write again as soon as possible concerning my observations of the Black Chin, and if I can make a census during the coming season of males and females, it may be possible to add something to what I have already written Dr. Lincoln about the wide discrepancy between the numbers of the two sexes.

Trusting that I may have the enclosed correspondence returned to me at your earliest convenience, and with kindest personal regards to the Department, wishing you a Happy New Year, I am

Sincerely

W.R. Sullivan

IN REPLY REFER TO

GP - P
Scientific

ADDRESS ONLY THE
DIRECTOR, FISH AND WILDLIFE SERVICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
WASHINGTON

January 25, 1941.

Mr. W. R. Sullivan,
Legion, Texas.

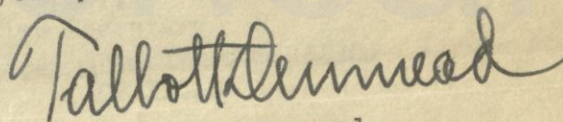
Dear Sir:

Receipt is acknowledged of your report of operations for the past year under scientific collecting permit No. 4748, and in accordance with your request for renewal, there is enclosed permit No. 5002 which will authorize you to take ten (10) black-chinned hummingbirds for Mr. Lee S. Crandall of the New York Zoological Park.

In reference to that part of your letter concerning Federal Wildlife Reservations, Preserves, and Refuges, the Veterans Hospital grounds are not classified as a Federal wildlife refuge. It may be that officials of the hospital have all the authority that is required to allow collecting on the hospital property. We have no objection.

As requested, correspondence from the Game, Fish and Oyster Commission and Mr. Crandall is returned herewith.

Very truly yours,



Talbott Denmead
In Charge of Permits
Division of Game Management

Enclosure.

A. E. WOOD, CHAIRMAN
AUSTIN

MURRELL L. BUCKNER,
DALLAS

D. K. MARTIN,
SAN ANTONIO

OFFICE OF

GAME, FISH AND OYSTER COMMISSION

AUSTIN, TEXAS

DEE DAVENPORT,
MISSION

GENE HOWE,
AMARILLO

W. O. YARBOROUGH
CORPUS CHRISTI

WM. J. TUCKER,
EXECUTIVE SEC'Y
AUSTIN



January 29, 1941

STATE OF TEXAS

COUNTY OF TRAVIS

Permission is granted to W. R. Sullivan of Legion, Texas, to take not to exceed six female and four male black-chinned hummingbirds, and to transport same to Mr. Lee S. Crandall, New York Zoological Park, New York City, for scientific purposes, during the period ending July 1, 1941.

Witness my hand and seal of office this the 29th day of January A. D. 1941.

Wm. J. Tucker,
Executive Secretary
GAME, FISH & OYSTER COMMISSION
OF TEXAS

WJT:rs

Legion, Texas.
Feb. 11, 1941.

Legion, Texas.
Feb. 11, 1941.

Mr. Lee S. Crandall,
New York Zoological Park,
New York City.

Dear Mr. Crandall:

A few days ago I received permission from the Texas Game, Fish and Oyster Commission to ship you six female and four male Black Chin humming birds during the period ending July 1, 1941, and since the permit previously issued by the U.S. Biological Survey had been renewed by them, I can see nothing now to prevent shipment being made to you during the coming season. Although I note in your letter of Sept. 4th, 1940 that you are not especially favorable to the idea of taking the birds too early in the year, it appears that under the terms of the Commission's permit we will have to ship them sometimes during the period mentioned. If this should make any material difference to you I should like to hear further from you on it.

Our first birds will get here about March 10th. (the males arriving first), and within a month the northward movement will have been completed. Mating begins, I think, somewhere around the middle of April. However, I think that this latter depends more on the temperature than anything else. It may be a few days earlier or later depending on weather conditions.

I am planning to return to my home in North Carolina for a visit this summer, and in the event that I do it will be possible for me to look out for the birds until I arrive there, transshipping them via express to you from some point in N.C. This, of course, is based on the assumption that I shall be able to make the trip, and on the further one that the air lines will continue to refuse to accept shipment of the birds.

Please write and let me know just when you prefer me to ship the birds within the dates mentioned.

Sincerely yours

W.R. Sullivan

Legion, Texas.
June 26, 1941

NEW YORK ZOOLOGICAL SOCIETY

ALLYN R. JENNINGS
General Director
Zoological Park and Aquarium

HARRY SWEENEY, JR.
Assistant General Director



CHARLES M. BREDER, JR.
Director, Aquarium

WILLIAM BEEBE
Director
Department of Tropical Research

ZOOLOGICAL PARK . . . Bronx Park, New York City, Raymond 9-2090
AQUARIUM Battery Park, New York City, Whitehall 4-1560
TROPICAL RESEARCH . . Bronx Park, New York City, Raymond 9-2090

February 17, 1941

Mr. W. R. Sullivan
Legion
Texas

Dear Mr. Sullivan:

Very glad to get your letter of the 11th. We should like very much to have the birds and believe that we now have a much better chance of getting them through. Shipments of live birds are now accepted by Air Express, at least on some lines. If this new service is available in your district, you could ship the birds with the knowledge that they will reach us within a few hours. I suggest that you investigate this possibility. Air Express is a subsidiary of Railway Express.

We are planning some aviary improvements this spring and feel that it would be desirable to ship the birds near the end of your contract term, in the hope that new accommodation will be available. In any case, however, we shall be able to handle them.

With best wishes,

Sincerely,

Lee S. Crandall

Curator of Birds

ZOOLOGICAL PARK: WILLIAM BRIDGES, *Curator of Publications*; LEE S. CRANDALL, *Curator of Birds*; RAYMOND L. DITMARS, *Curator of Mammals and Reptiles*; LEONARD J. GOSS, *Curator of Health*; CLAUDE W. LEISTER, *Curator of Educational Activities*; FREDERICK M. EISNER, *Chief Clerk* • AQUARIUM: CHRISTOPHER W. COATES, *Aquarist*; ROSS F. NIGRELLI, *Pathologist* • DEPARTMENT OF TROPICAL RESEARCH: JOCELYN CRANE, *Technical Associate*; GLORIA HOLLISTER, *Research Associate*; JOHN TEE-VAN, *General Associate*

Legion, Texas.
June 16, 1941.

Legion, Texas.
June 16, 1941.

Mr. Lee S. Crandall,
New York Zoological Park,
New York City.

Dear Mr. Crandall:

This is to advise you that I am ready to make shipment of the ten Black Chin humming birds for your collection at any time now, and I should like very much to get them away to you as soon as possible. Please advise me if you will take delivery of these birds within the next two or three weeks, and, at the same time, guarantee the transportation charges at that end.

I have secured the necessary permission, both from the Biological Survey as well as the State Game, Fish and Oyster Commission of Texas, and I anticipate no further difficulty in forwarding the hummers to you, provided you are now ready for them. An early reply will be greatly appreciated.

Sincerely yours

W.R. Sullivan

Legion, Texas.
June 26. 1941.

NEW YORK ZOOLOGICAL SOCIETY

ALLYN R. JENNINGS
General Director
Zoological Park and Aquarium

HARRY SWEENEY, JR.
Assistant General Director



CHARLES M. BREDER, JR.
Director, Aquarium

WILLIAM BEEBE
Director
Department of Tropical Research

ZOOLOGICAL PARK . . . Bronx Park, New York City, Raymond 9-2090
AQUARIUM Battery Park, New York City, Whitehall 4-1560
TROPICAL RESEARCH . . Bronx Park, New York City, Raymond 9-2090

June 20, 1941

Mr. W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

We are delighted to learn from your letter of the 16th that you are prepared to send us the Black-chinned Hummingbirds. We are ready to receive them at any time and if you will advise us as to time of arrival, we will meet the plane at LaGuardia Field and take delivery there.

With the present facilities of Air Express, there is no reason why we should not have complete success with our experiment.

We will pay transportation at this end, of course, and should be very glad, as well, to make good for any incidental expenses.

Sincerely yours,

Lee S. Crandall

Curator of Birds

ZOOLOGICAL PARK: WILLIAM BRIDGES, Curator of Publications; LEE S. CRANDALL, Curator of Birds; RAYMOND L. DITMARS, Curator of Mammals and Reptiles; LEONARD J. GOSS, Curator of Health; CLAUDE W. LEISTER, Curator of Educational Activities; FREDERICK M. EISNER, Chief Clerk • AQUARIUM: CHRISTOPHER W. COATES, Aquarist; ROSS F. NIGRELLI, Pathologist • DEPARTMENT OF TROPICAL RESEARCH: JOCELYN CRANE, Technical Associate; GLORIA HOLLISTER, Research Associate; JOHN TEE-VAN, General Associate

Legion, Texas.
June 26, 1941.

Legion, Texas

June 25, 1941.

Mr. W. R. Sullivan
Legion
Texass

Dear Mr. Sullivan:

This will refer to the fact that you have exhibited permits from the Fish and Wildlife Service, Department of the Interior, Washington, D. C., and from the Game, Fish & Oyster Commission for the State of Texas, authorizing you to take not to exceed six female and four male black-chinned hummingbirds, and to transport same to Mr. Lee S. Grandall, New York Zoological Park, New York City, for scientific purposes, during the period ending July 1, 1941.

This communication will be your authority to take these birds from the Veterans' Administration Facility reservation, Legion, Texas.

Very truly yours,

FRANK B. BREWER, M.D.,
Manager.

Legion, Texas.
June 26, 1941.



VETERANS ADMINISTRATION

Legion, Texas

June 25, 1941.

YOUR FILE REFERENCE:

IN REPLY REFER TO:

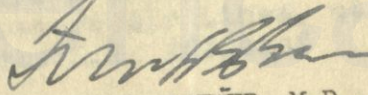
Mr. W. R. Sullivan
Legion
Texas

Dear Mr. Sullivan:

This will refer to the fact that you have exhibited permits from the Fish and Wildlife Service, Department of the Interior, Washington, D. C., and from the Game, Fish & Oyster Commission for the State of Texas, authorizing you to take not to exceed six female and four male black-chinned hummingbirds, and to transport same to Mr. Lee S. Crandall, New York Zoological Park, New York City, for scientific purposes, during the period ending July 1, 1941.

This communication will be your authority to take these birds from the Veterans' Administration Facility reservation, Legion, Texas.

Very truly yours,


FRANK B. BREWER, M.D.,
Manager.

Legion, Texas.
June 26, 1941.

Mr. Lee S. Crandall,
New York Zoological Park,
New York City.

Dear Mr. Crandall:

Last summer, when I made the first attempt to send you the humming birds, I was unable to get either of the two air lines operating out of San Antonio, to accept shipment and I am enclosing their letters in order that you may see what they had to say then.

These letters, in a way, will also point up another difficulty which has arisen through my inability to get the local express agency to accept the birds for forwarding to you via Air Express. This local agency represents, I understand, the Air Express division, and their manager gave me the impression that they would not accept "any live animals" to use his expression, which would necessitate transshipment by air. And there the matter rests, at least for the time being.

Kerrville is about 75 miles N.W. of San Antonio, and since the birds would have to be taken to the latter place before being put aboard a plane, I shall have to wait until I know definitely that they will be accepted before I take them there. Do you think you might be able to secure a special dispensation, either from Braniff or Eastern Air Lines, at that end; that is, through their N.Y. offices?

I caught four male birds several days ago, in order to see how they would accomodate themselves to their cage, and that brief experience has taught me that it will be absolutely impossible to send them to you by any other means than by air. Of course they could be forwarded via regular express, but I seriously doubt that any of them would survive.

I should like to have you advise me, providing that some air transportation can be arranged for the birds, what you think will be the best kind of cage to use.

Personally, I am afraid that if they are not kept in complete darkness during the trip they will destroy themselves in trying to escape. However, an overnight run between San Antonio and N.Y., such as the one which gets to N.Y. at 9:02 A.M., over Braniff Airways, ought to eliminate this hazard. They will not have to be fed until they arrive, and their exposure to light or curious persons will thus be kept to a minimum.

And now, Mr. Crandall, that is about all the information I have at the present time. If you will write me in detail, and at once, just what you are able to accomplish at the N.Y. end with the airlines, as well as any other suggestions you might have concerning the birds and their transportation, providing if at long last we should be successful, I shall be grateful.

Sincerely yours

W.R. Sullivan

Legion, Texas.
June, 26, 1941.

NEW YORK ZOOLOGICAL SOCIETY

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July 5, 1941

Mr. W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

Air Express is unable to carry the Hummingbirds on either of the lines operating from San Antonio, but we have been able to arrange to have the birds carried, as a very special favor, by Eastern Air Lines. If you will get in touch immediately with Mr. C. A. Sikes, District Traffic Manager at San Antonio, you can straighten out the details with him. The birds will be looked after by the Flight Stewards and we will meet them at the airport here.

As to proper caging: Construction should be light but strong. The reed or bamboo cages, 30" x 18" x 18" used in the tropics, would be ideal for the purpose but since this type is probably not available to you, I suggest the use of small-mesh hexagonal wire of the lightest gauge obtainable. Plenty of perches should be provided and the drinkers filled at the start. After the birds have been installed, doors should be tightly wired and the entire cage covered with white cheese-cloth. This will admit plenty of light and air and at the same time prevent the birds from being frightened or batting about in an effort to escape.

This, of course, on the assumption that the birds will live together for the short time required. If you should feel this is impossible, the only alternative is to divide the cage into small compartments, say 6" cube and put one bird in each. Twelve compartments would occupy a space 18" x 12" x 12" which would be some advantage.

Trusting that our plans will result in a successful shipment,

I remain,

Sincerely yours,

Lee S. Crandall
Curator of Birds

ZOOLOGICAL PARK: WILLIAM BRIDGES, Curator of Publications; LEE S. CRANDALL, Curator of Birds; JEAN DELACOUR, Technical Consultant; RAYMOND L. DITMARS, Curator of Reptiles and Insects, Honorary Curator of Mammals; LEONARD J. GOSS, Curator of Health; CLAUDE W. LEISTER, Curator of Mammals and Educational Activities • AQUARIUM: CHRISTOPHER W. COATES, Aquarist; ROSS F. NIGRELLI, Pathologist
DEPARTMENT OF TROPICAL RESEARCH: JOCELYN CRANE, Technical Associate; GLORIA HOLLISTER, Research Associate; JOHN TEE-VAN, General Associate

Legion, Texas.
July 8, 1941.

Mr. C.A. Sikes,
Eastern Air Lines,
San Antonio, Texas.

Dear Mr. Sikes:

I am in receipt of a letter from Mr. Lee S. Crandall, Curator of Birds at the New York Zoological Park, in which he advises me that Eastern Air Lines has agreed to accept shipment of ten Black Chin humming birds which are to be forwarded from San Antonio to New York.

Mr. Crandall also suggested that I get in touch with you at once regarding the details of the scheduling, and if you will be kind enough to let me know what dates and hours are available for shipping the birds to the Zoological Park, I shall be greatly obliged.

Undoubtedly an overnight flight will be the thing, since this would allow the birds to be quieter, and at the same time they will have little desire for food. It is my intention to place a small feeding device in the cage, but I hardly think it likely that the birds will use it before they are removed from the plane.

The cage is round, approximately 12" in diameter by 17" in length, and is made of strong, $\frac{1}{4}$ " mesh galvanized wire. It has a light cheese cloth covering on the outside and will weigh about 6 $\frac{1}{2}$ pounds with the birds and feeder.

If you set one specific schedule for these humming birds, say within the next four or five days, please allow me an alternative one which would give me that much more time after the first. In other words, should you designate the 12th., and I fail to make my arrangements here by then, could the 17th. be used? Naturally I should like to have available any of the daily or nightly trips, but I shall be governed by your suggestions.

Sincerely yours

W.R. Sullivan

NEW YORK ZOOLOGICAL

Legion, Texas.
July 17, 1941.

Mr. Lee S. Grandall,
New York Zoological Park,
New York City.

Dear Mr. Grandall:

This morning, I called Mr. Sikes, of Eastern Air Lines, and he has agreed to accept the humming birds for delivery to you. If nothing happens, (and I have my fingers crossed), I shall put the birds aboard the plane leaving San Antonio at 5:50 P.M. tomorrow, Friday, the 18th., and you should receive them a little after 8 A.M. the following day.

I caught four of the males a few minutes ago, and have them in their cage which, according to your suggestion, I had previously covered with cheese cloth. This seems to keep them much quieter, and I believe they are going to make the trip all right. I shall wait until in the morning to take the females, since I think they will accomodate themselves much quicker when they find that the males have settled down.

You will find what at first sight might appear to be an outlandish sort of feeder in the cage, but it has been proved highly successful here, and our birds know how to take care of themselves with it. They feed through the perforations in the lid, and all you will have to do is put it in the larger cage, filled with the kind of solution you use there, and turn the birds loose on it. Incidentally, this feeder is an invention of mine, and I shall be most anxious to know what you think of it, and what results you get with it there. I'd especially like to have you try it with your other hummers. Some day I shall write and tell you something about the genesis of the perforated lid, and how I came to use it. If you find that some of the birds seem to be more awkward in finding the perforations, it will be because some may be young and unconditioned.

Just as soon as the birds go aboard the plane, I shall wire you.

With kindest personal regards, I am

Sincerely yours

W.R. Sullivan

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TROPICAL RESEARCH . . . Bronx Park, Raymond 9-2090

July 21, 1941

Mr. W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

We were all very much disappointed, as of course you were also, at the outcome of the Hummingbird experiment. When I received your letter of July 17 stating that you had just caught up the birds, I had the feeling that something of the sort might happen, so your telegram did not come altogether as a surprise.

In order to make successful shipment, it would be necessary to catch the birds up, a few at a time, and get them thoroughly accustomed to the cage, each other and artificial food. At least two weeks would be required to accomplish this. On the other hand, it is quite easy to do, aside from the time element. Birds so handled should make the trip without difficulty, but I do not believe it could be done in any other way.

The birds that died were obviously not feeding, as no matter how much they fly, they are all right so long as they feed freely.

I hope you are not too much discouraged and that you will start about a second attempt on a sounder basis, before the birds leave. I think Mr. Sikes will be willing to cooperate further.

Sincerely yours,

Lee S. Crandall

Curator of Birds

Legion, Texas.
July 24, 1941.

Mr. Lee S. Crandall,
New York Zoological Park,
New York City.

Dear Mr. Crandall:

Please accept my thanks for your encouraging air mail letter concerning the Black Chins. I imagine we were all a bit disappointed at the outcome of the first attempt, and I was especially worried at what Sikes might think, when I went in to see him without even a feather to show for my effort. However, he was very accomodating and suggested that I might try again when the weather was more favorable. Your letter, which came in this morning, indicates that you think the birds can be shipped successfully, and that is enough for me. I will try again.

I think I shall take one, or, at the most, two birds a day until I have the required number, and then when I am ready to move them to S.A., I shall do so at night. I believe that by putting the birds into the cage one at a time, these first ones that settle down and begin to feed, will have a "dampening" effect on the birds I take later. At any rate, they seem to have no fear sufficient to inhibit their feeding in captivity, and, as you point out, one ought to be able to send them almost anywhere, as long as they will feed.

It may be a month, now, before I shall be able to try to get the birds off to you. But if it is possible to send them through, you may expect them one of these days. Of course, I shall keep in touch with you by letter, from time to time; and within the next few days I'll send a letter along to Sikes in order that he may be advised as to what we intend to do.

Thinking you might be interested in a clipping from the San Antonio, Tex. "Express", of the 22nd, which chronicled my failure, as well as some pictures made inside and outside my room, I enclose them.

Sincerely yours

W.R. Sullivan

Legion, Texas.
July 25, 1941.

Mr. C.A. Sikes,
Eastern Air Lines,
San Antonio, Texas.

Dear Mr. Sikes;

Yesterday, I had a letter from Mr. Grandall in which he said he hoped I'd make another attempt to send him some humming birds. He said, too, that he thought you would be willing for us to try again, and if you are I shall go ahead with my plans to take the birds. Will you be kind enough to drop me a line, within the next ten days, and tell me just what you think? From my previous experience, as well as from what Grandall wrote, I think I shall be more careful this time, where the time element is concerned. By that, I mean I shall hold the birds here at least two weeks before I bring them to S.A.

If I keep the birds long enough to allow them to become thoroughly accustomed to being confined, and to feeding in captivity, and provided, too, that the extreme temperatures have in the meantime been somewhat abated, I see nothing to prevent their shipment to N.Y. without loss.

Thinking that you might like to have one or two of the pictures I made here of the birds, I am enclosing them. And in this connection, please call Mr. Riddel, (is this the correct spelling?), of the Express, and ask him to send along the negative he used in his news item. I am not especially afraid of losing it, but I know, too, how things get misplaced around an editor's desk. If you will do this for me, I'll appreciate it very much.

With kindest personal regards, I am

Sincerely yours

W.R. Sullivan



EASTERN AIR LINES

INCORPORATED

MEMBER OF THE NATIONAL SAFETY COUNCIL

GUNTER HOTEL, SAN ANTONIO, TEXAS

TELEPHONE CATHEDRAL 1391

September 3, 1941

Mr. W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

Our delay in answering your letter concerning the shipping of the birds to New York, is due to the fact that Mr. Sikes has been away on vacation, and will not be back until September 15th. As I am taking Mr. Sikes place while he is away, I called Mr. Riddell of the "Express" and he advises that he has returned the negatives of your pictures sometime ago. The prints you sent us are excellent snapshots, and I am sure our publicity department will be happy to have them.

Trusting the next shipment will prove more favorable than the last and reminding you if we can be of any assistance in the matter do not hesitate to call upon us, I remain,

Cordially yours,

John W. Stahler

John W. Stahler
Traffic Representative

JWS:mh

Legion, Texas.
Dec. 19, 1941.

UNITED STATES
DEPARTMENT OF THE INTERIOR

U.S. Dept. Of The Interior,
Fish and Wildlife Service,
Washington, D.C.

Gentlemen:

I am returning Permit #5002 TO TAKE MIGRATORY BIRDS FOR SCIENTIFIC PURPOSES to your office, and I should like to have a renewal to cover the coming year, if that is possible.

Unfortunately, I was unable to get the birds off to Mr. Crandall during the past summer, but provided that I remain at this address it is my intention to try again.

You will find enclosed the report sent me recently concerning my activities under the above mentioned permit, and I trust you will find it filled out satisfactorily.

Assuring you of my constant appreciation for your past kindnesses, and in the hope that I may receive this renewal at an early date, I am

IN REPLY REFER TO

GP. - P
Scientific

ADDRESS ONLY THE
DIRECTOR, FISH AND WILDLIFE SERVICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
WASHINGTON

April 22, 1942.

Mr. W. Robert Sullivan,
Legion, Texas.

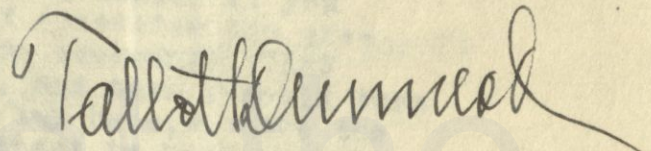
Dear Sir:

At the request of Mr. H. Hittson, Director of Forest Park Zoo, Fort Worth, Texas, we are enclosing permit No. 5593, which will authorize you to take fifteen (15) black-chinned hummingbirds for the Zoo.

The permit expires December 31, 1942, and a report should be submitted within ten days thereafter, advising us of the number taken.

We note you already have a permit to take black-chinned hummingbirds for the New York Zoological Park.

Very truly yours,



Talbott Denmead
In Charge of Permits
Division of Game Management

Enclosure.

Legion, Texas.
April 25, 1942.

Mr. H. Hittson,
Forest Park Zoo,
Fort Worth, Texas.

Dear Mr. Hittson:

This afternoon I received a permit from the Fish and Wildlife Service, No. 5593, which will allow me to take fifteen (15) Black-Chin hummers for your collection at the Zoo. The permit is made out in my name, and although I imagine you have already received confirmation regarding it, I thought it would be best to let you know.

The only obstacle I can see in the way at the present moment, which might delay getting the birds off to you promptly is one of transportation. Up to now, I have been unable to locate anyone going to Ft. Worth in the near future and I suppose the matter will have to remain in abeyance until that can be arranged.

If you can send me down a small, cheese-cloth covered cage, I can proceed at once to take the Black-Chins for you; and after that has been accomplished some means of getting them off to you may turn up. I wonder if you couldn't manage to get down yourself (provided the present good weather holds), during some week-end? That would simplify matters considerably, and then I could turn the birds over to you directly. At any rate, we have the necessary permission now, so I'll expect to hear from you at once concerning what you think will be our best procedure.

Sincerely yours

W. Robert Sullivan

Legion, Texas.
April 25, 1942.

Director,
Fish and Wildlife Service,
Dept. of the Interior,
Washington, D.C.

(Attention Mr. Talbot Denmead)

Dear Sir:

This will acknowledge receipt of the Permit to take migratory birds, #5593, issued in my name at the request of Mr. H. Hittson, of the Forest Park Zoo of Fort Worth, Texas. I shall make every attempt to get these birds off to Mr. Hittson as soon as possible, and, in conformity with your request I shall make a report to you when this is done.

In reference to your noting of the fact that I had previously received permission to ship some of the Black-chin hummers to the New York Zoological Park, I think I should add that I shall get these birds off sometime this summer, providing air transport is available for that purpose and that Mr. Grandall still wishes to have them sent. This is purely an amateur's venture into bird collecting on my part, and I am making no attempt whatever to commercialize on it.

Thanking you for your kindness in forwarding the permit promptly, and with best personal regards, I am

Sincerely yours

W. Robert Sullivan

Board of Park Commissioners

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HARRY J. ADAMS
SUPERINTENDENT

E. S. MAXON
ASST. SUPERINTENDENT

D. D. OBERT
CITY FORESTER

FORT WORTH, TEXAS

May 1, 1942

Mr. Robert W. Sullivan
Legion, Texas

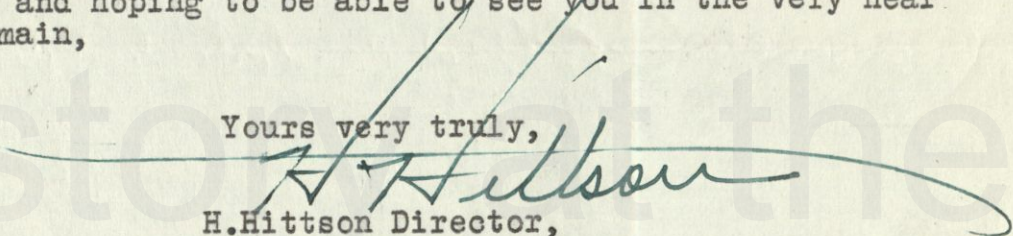
Dear Mr. Sullivan:

I received your letter reference the humming birds. I think maybe I can run down to your city in the near future and pick them up. I would prefer to come some week end. The only thing we are worried about is whether or not they will survive in captivity any length of time after maturity. We would appreciate very much if you would keep them in a cage a few days and get them use to eating before we attempt to bring them back to Fort Worth.

If you will be so kind as to draw us a little sketch of the cage you would like to have we will build it and forward it to you by railway express.

Thanking you in advance for your time and trouble and hoping to be able to see you in the very near future I remain,

Yours very truly,


H. Hittson Director,
Forest Park Zoo
Fort Worth, Texas

Legion, Texas.
May 3, 1942.

Mr. H. Hittson,
Forest Park Zoo,
Fort Worth, Texas.

Dear Mr. Hittson:

Your letter came in today, and I shall go ahead with my plans to take the Black-Chin hummers tomorrow. I have a cage here which I planned to use in making shipment to the New York Zoological Park, but I think you might as well have the use of it in order to take your birds to Fort Worth, and then you can return it to me here. It is made of screen wire, but the birds apparently do about as well in it as they do in a cage made of larger mesh wire. At least, I found that so when I caught up ten of them last year and kept them more than a week in it, without accident.

I should think now that it will be possible for me to have the birds ready for you any time after the 15th., which date would allow time for the hummers to accomodate themselves to cage life, and since the 15th. falls on Friday would that fit in with your plans concerning the trip over the week-end?

There will be no trouble at all in taking the birds. In fact, I could go upstairs this minute and take the entire fifteen within a couple of hours; but first I want to make certain of their diet, to get all the necessary ingredients ready, and start them on it when I place them in their cage. Then, too, there is the matter of a state permit which may be necessary from the Game, Fish and Oyster Commission. Will you be able to handle that as you did the Fish and Wildlife permit? I'd appreciate your clearing me up on this as soon as you can.

With kindest personal regards, and trusting, too,
Sincerely yours

W. Robert Sullivan

Board of Park Commissioners

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HARRY J. ADAMS
SUPERINTENDENT
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ASST. SUPERINTENDENT
D. D. OBERT
CITY FORESTER

FORT WORTH, TEXAS

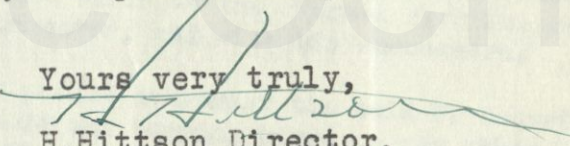
May 5, 1942

Mr. W. Robert Sullivan
Legion, Texas

Dear Mr. Sullivan:

We requested permission today from the State Game, Fish, And Oyster Commission for you to take the hummers for the zoo. Let me know from time to time how they get along after you have taken them. If nothing happens I can leave Friday May 15 and will probably be in Legion Saturday or Sunday and pick them up.

Yours very truly,


H. Hittson Director,
Forest Park Zoo
Fort Worth, Texas

MURRELL L. BUCKNER, CHAIRMAN
DALLAS
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SAN ANTONIO
G. F. STEWART
JUNCTION

OFFICE OF
GAME, FISH AND OYSTER COMMISSION
AUSTIN, TEXAS

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MISSION
GENE HOWE
AMARILLO
T. S. REED
BEAUMONT

WM. J. TUCKER
EXECUTIVE SEC'Y
AUSTIN



C. R. RUDASILL
ASS'T EXECUTIVE SEC'Y
AUSTIN

STATE OF TEXAS
COUNTY OF TRAVIS

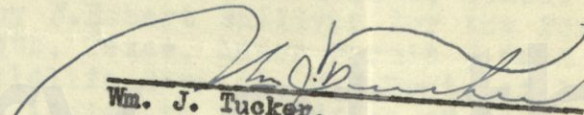
Permission is granted to Mr. W. Robert Sullivan of Legion, Texas, to take on or before June 15, 1942, not more than fifteen (15) black-chinned humming birds and to ship same to the Forest Park Zoo at Fort Worth, Texas, for scientific and exhibition purposes at said Zoo.

Permission is also granted to the Forest Park Zoo to hold said fifteen (15) black-chinned humming birds at said Zoo, and that this permit specifically does not authorize the transportation of said humming birds, or any increase from same, by said Forest Park Zoo at Fort Worth, Texas, and responsibility for the retention of said birds at the Forest Park Zoo rests with Mr. H. Hittson, Director, and with his successors.

Nor does this permit authorize the said W. Robert Sullivan to take and hold any humming birds or any other birds except those specifically authorized by this permit.

Witness my hand and seal of office this the 7th day of May, A.D. 1942.

WJT:rs


Wm. J. Tucker,
Executive Secretary,
GAME, FISH & OYSTER COMMISSION

Some of us will see you by 12 Saturday.

Hittson

FORT WORTH, TEXAS

May 17, 1943

Mr. W. Robert Sullivan
Legion, Texas

Dear Mr. Sullivan:

We received the package yesterday
and the parrots make a wonderful exhibit in our
bird house. I was amazed at the way they accepted
captivity. They all are eating and doing fine.

I am working on some publicity
for the zoo and when it comes out we will be glad to
show you some of our birds. I hope you will
be able to visit us sometime.

Very truly yours,
Legion, Texas.
May 16, 1942.

Legion, Texas.
May 16, 1942.

I have today received fifteen (15) Black-Chin Humming
birds from W. Robert Sullivan, of Legion, Texas. These
birds were taken by W. Robert Sullivan for the Forest
Park Zoo, Fort Worth, Texas, under Permit # 5593 issued
by the Fish and Wildlife Service, U.S. Dept. of Interior;
and another Permit issued by the Office of The Game, Fish
and Oyster Commission of Texas, Austin, Texas.

Signed

Julian Trozier
for Forest Park Zoo, Fort Worth

Board of Park Commissioners

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EXECUTIVE OFFICES, ROTARY PARK

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SUPERINTENDENT

D. D. OBERT
CITY FORESTER

FORT WORTH, TEXAS

May 17, 1942

Mr. W. Robert Sullivan
Legion, Texas

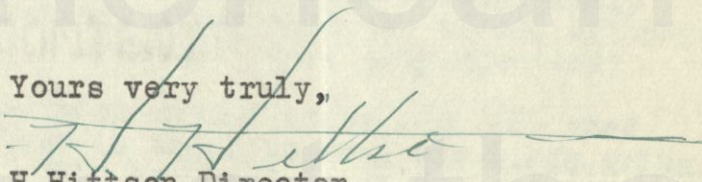
Dear Mr. Sullivan:

We received the hummers yesterday and they certainly make a wonderful exhibit in our bird house. I was amazed at the way they accepted captivity, they all are eating and doing fine.

I am working on some publicity for you now and when it comes out we will be glad to send you some extra copys of the papers. We are shipping your cage back to you prepaid by railway express today.

Again thanking you for your time and trouble and hoping to be able to have you visit our zoo in the very near future I remain,

Yours very truly,


H. Hittson Director,
Forest Park Zoo
Fort Worth, Texas

Legion, Texas.
May 22, 1942.

Mr. H. Hittson, Director,
Forest Park Zoo,
Fort Worth, Texas.

Dear Mr. Hittson:

I was very pleased to learn that the humming birds made the trip to Fort Worth without difficulty, and I should like to have been there in order to see how well they acted in their new home. Later, it might be possible to add to these you now have, but let us wait and see just how they get along first. There is no need to rush things, since the southward migration does not begin until sometime late in the summer.

When I was in to see you on Easter Sunday, I mentioned the fact that I had been making a humming bird feeder for a number of years, and that it had proved very successful with us here. I also asked you at that time, if, in the event that I was able to supply you with some of the birds, you had any fund from which you would be able to take care of the expenses of such a service. As I remember, your reply was that you did not have such a fund, but that you would take five of the humming bird feeders. Sometime previously, during the conversation, I had said that they were sold at one dollar each. I accordingly sent five of these feeders along with the birds, delivering them to Mr. Julian Frazier. Were they received?

There was also the small matter concerning the food which I had to purchase in order to keep the birds going for about ten days. This amounted to \$1.50, and since I had no need for the Mellin's Food, the condensed milk, the honey and beef cubes which remained at the time I turned the birds over to Mr. Frazier, I also gave these items to him.

Summing it up, this amount of \$1.50, plus the \$5.00 for the five feeders will take care of the out-of-pocket expenses I have had in taking the birds for you. Trusting that I may hear from you again soon, I am

Sincerely yours

W. Robert Sullivan

MURRELL L. BUCKNER, CHAIRMAN
DALLAS
D. K. MARTIN
SAN ANTONIO
G. F. STEWART
JUNCTION

OFFICE OF
GAME, FISH AND OYSTER COMMISSION
AUSTIN, TEXAS

DEE DAVENPORT
MISSION
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BEAUMONT



WM. J. TUCKER
EXECUTIVE SEC'Y
AUSTIN

C. R. RUDASILL
ASS'T EXECUTIVE SEC'Y
AUSTIN

May 25, 1942

Mr W. R. Sullivan
Legion, Texas

Dear Mr. Sullivan:

It will be necessary for you to procure a permit from this department valid for this year before taking any humming birds for any purpose.

Any permit issued by this department is valid only until January 1st following its issuance. If you will tell me when you desire to take the humming birds for the New York Zoological Park and the approximate date when you intend to ship them, I shall be glad to issue you a permit for that specific purpose.

Sincerely yours,

Wm. J. Tucker,
Executive Secretary

WJT:rs

For many years of Kerrville's residents an occasional glimpse of the black-chin humming bird during the summer is no rare sight. This bird is a regular visitor and doubtless his ancestors have been spending their vacations in this section of the United States for hundreds, perhaps even thousands of years. Therefore this little fellow is somewhat of an old hand at travelling and his range is enormous. Reports are current that nesting black chin humming birds may be found as far north and west as Sitka, Alaska, which one must admit is going some. However, despite all the gypsy in him he likes houses and people -- and above all sugar-water. If you don't believe it, try it on him and see for yourself.

Take a very small bottle, preferably a perfume vial, and cover it with the deepest colored red ribbon you can obtain, shaping this ribbon into the semblance of an artificial flower, and after filling the bottle with sugar water place it on a convenient projection near a honeysuckle vine or other shrubbery. If humming birds are near your home you'll have a number of them zooming around your feeding department and from then on the task is to keep them supplied with sugar. And it is a task, too.

Later you may find it necessary to provide a larger bird feeder for them, and if you should, you may obtain one that is satisfactory by calling at the Occupational Therapy Department at Legion. We have them a number on hand at all times and we'll even let you look at the birds, too. Remember, a bird-feeder and look-see all for one dollar and a pint size Heinz vinegar bottle. Incidentally, we will be glad to tell you why a Heinz pint vinegar bottle is necessary---- it's in the shape----if you have one that you can spare. We repeat --- just see the Occupational Therapy Shop at Legion.

P.S. A cuff from pa's red flannel underwear will make an ideal cover for your first experimental bird-feeder.