



REGISTERED CHARITABLE TRUST 1992 P.O.Box 993, Rotorua, New Zealand



Established for the research captive management, rehabilitation, and public awareness of w Zealand birds of prey.

#### REGISTERED CHARITABLE

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#### VOLUME 11, 2007

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rant Cover: NZ falcon chicks, two days old by Andrew Warne Back Photo: Sky, male Australasian harrier, by Jason Searie

#### WINGSPAN PATRON - GEOFF MOON O.B.E.



Temperate to New Zealand and practised as a veterinary strageon in Warksovorth for many years before rearing I then spent much of many tent before rearing I then spent much or media articles had already succeeding in the North State of the State of the

We camped overnight near the river and the following morning dawned bright and clear, a ful looked across the fiver I caught my first sight of a New Zealand falson. The bird was nationally short dives at a stoot, and in defence against the half-hearred artack. It was suppressed to the separate that half-hearred artack many and the separate that half-hearred artack with the separate that have quickly and casily departach the seat.

During my childhood days in England developed an intense interest in developed an intense interest in developed an intense interest in the seat of the seat of hidse to make constituently the next and for the subject, particularly floose-observation of birds, fava caper so try list methods, cover as a child.

I found a sparrowhawk nest with chicks only three meres up in an apparent to the seat of the use of hidse to make constituently the next and falson. These differences observation of birds, fava caper so the hards with the seat of the use of hidses to make constituently the next and falson. The seat differences between the hards are constituently and the seat of the seat of hidses to make constituently the next and falson. The seat of the seat of hidse to make constituently and the seat of the seat of hidses to make constituently and the seat of the seat of hidses to make constituently the next and the dynamic New 2 caland falson. The seat of the seat of hidses to make the constituent of the seat of hidses to make the constituent of the seat of the

#### MILLENNIUM FALCON



agement of New Zealand fakon breeding pairs is an integral part of the Wingspan programme. This management extends to refining the methodology we improve egg production, anificial incubation, hand rearing, and jostering techniques. Wingspan falcons have bred annually since 1996, and ten years later the captive breeding programme remains nationally significant.

The 2006 season showed mixed results for one of the breeding pairs of falcons, Tithole and Fovex', held at a result, compromised by chilling at the Centre. Eng laying started and drowning. Meanwhile, the first at the Centre. Eng laying started and drowning. Meanwhile, the first clutch of the first clutch

GROWTH & DEVELOPMENT OF NZ FALCON 'MILLENNIUM' 2006



The chicks of birds of prey are known as 'altricial'. At hatch they are immobile and totally dependant, in contrast to 'precocial' chicks like pleasants or ducks that are able to stand, walk and feed independently. When New Zealand falcon chicks latch they have small feet and diny wings, and are covered with fulfily white down, Initially, evergible is poor but after a week they start to distinguish shadows and movement. At around 10-12 days the white down is replaced by a second, thicker coat of woold greyd down, Icading to them being able to thermo-regulate at around two weeks old. The fast growth rate is primarily due to a high protein diet, and while weight gains are relatively slow at first, it uncreases rapidly. Here, Millie would double her weight every three to four days and by 21 days she would stand for long periods. The wings are the start of develop, and approaching full weight the growing feathers able a to of every. In weeks at the image allow her wings and feathers are heavy, weighted down by the feather stuches filled with blood..., and by Dby 37 she could fly.

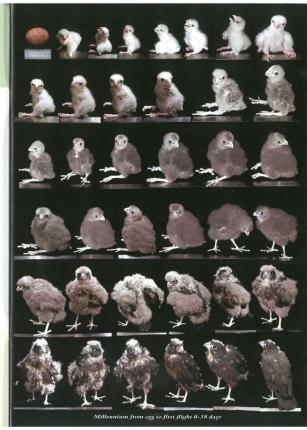
Millennium is named and kindly sponsored by Futuresafe Building Inspectors, of Whangaparoa. Daily photographic images captured by Andrew Warner, of Rotorna.

#### THE RED BARON

The 2002-2003 breeding sesson sine Winggan produce two drieks for release from the Winggan back site. Red a male, and White, a female — named after their clother bank — were released in Manh. 2003. While White left it is six for good, Red steped around sunt leastly play 2003. However he trained for meadul later in Novamber to take up realized again.

There were times when he infinited we are he saws in and internal out training and flying of other birds, especially other males. It was done field and one had set says and had made the area around Winggard his strength.

The 2003-2004 season produced another two clucks for release, two females—banded Green and Orange. After being placed in the lackles, two females—banded Green and Orange. After being placed in the lackles were transcularly learn the property. Three days later when the property. Three days later were the property. Three days later when the property. Three days later when the property. Three days later when the property three days later when the property three days later when the property because the control of the property. Three days later when the property has been drawn ground bearing the lungsy chicks calling had sumulated his paternal measure, we opened up the box another female factor whose the property was been property because the property when the property was been property because the property was been property with the property was been property because the property was been property with the property was been property was been property with the property was been property with the property was been property was b



the way was clear ahead, thought he could fly through the corner of their house — a visual illusion that sadly costs the lives of many nartice bids in New Zealand. Orange stayed around for several more weeks, then here with safe in the staged, she was reported to us the traged, she was reported to us the laborate of the AC Batts in Taupo.

Sally, Dimond diad late December 2004 and I lensur her since she was an egg.

Red showed to that NZ falcons can be successfully hacked [released] into an area, establish a territory, and then breed. This same principle is being used with the Falcons for Grapes project in Marlhorough. It was also thought that New Zealand falcons became, sexually mature at While we have became, sexually mature at While we don't know whether Red and Orange's eags were ferfule, with the maturing and laying of eggs by Oranguar at only 9 months old, [270 days] she has made us all, review this aspect of New Zealand falcon biology.

Noel Hyde.

## DIMOND WAS A GIRL'S

All of the raptors held at the Wingspan Courte have their ours stories, their ours circumstance, and individual personalities. Plomond: a femile New Zealand falcus has been on exception. She was originally named to advanced by assistance by Dimond Industries, Rosona, roofing the new Wingspan awiney, then later sponsored by Dilan Rajasingham of Sydney, Australia. Sadly, Dimond died late December 2006, aged four years of age, And I knew her since she was an egg.

Dimond was bred from a pair of New Zealand falcons held within the aviaries, 'Betty' and 'Sloam' -who have shown a good history of Freeding since 1996, But while reliable a courselin, laying eggs, and sharing incubation, the pair was a known risk immediately following the hards of their eggs. Chicks would often disappear, he found dead, or their bodies cached in hiding places within their aviary solwequently from 1998 chicks were routinely removed after hards. One removed for the first week - the most sulnerable time - and then returned to the pair for 'natural' parent rearing and development.

In the late spring of 2002, the pair were incubating three eggs. The first hatched without incident, the second egg had 'pipped' and was due to harch within the next 24 hours. The following day, fill of anticipation. Laproached the axiary to check on progress, ready to remove one chick for temporary rearing. But, it was with guawarenching disappointment—no chicks remained in the scrape, just one solitary egg.

Fearing further loss, I removed the egg and placed it into an artificial incubator. Temperature was set at 370C and humidity set as high as possible for harching. Loudd hear the chick within the shell making a Citching sound. Houself alk to the egg and, amazingly it would rock backwards and forwards and would start to call back! On the 6th November 2002, the timy chick harched 2 just 18 gms in weight. Lifeless, limp, and exhausted, it looked like it might not make it.

Because we lacked the more modern brooding equipment of roday, the chick was set up on a simple heat pad with a heat lamp, and I became completely obsessed by his small bundle of white fulft. The fars few days were interedibly intensive and I checked her every bour, day and night. I made her a brood proceed or tower the study of the control of the c

By four days of age it was apparent something was wrong. While she would feed readily, rest comforably, and her mutes [droppings] normal, each time I handled her she would chitter in discomfort, and then in obvious spain. I poured over book references, and attempted to source information on the internet. I found a small reference about reference reference about reference reference about reference refe

The following day she was 'sunned' for 10 minutes in the morning, followed by another 15 minutes in the afternoon, Incredibly, by the evening she showed a marked recovery. The chitering and discomfort magically disappeared, but I remained concerned. The literature suggested problems with the development of the long bomes, and in young growing animals it could result in bone deformines. More often than not, cuthanasia was considered the ethical option if quality of the was componities.

While the 'sunning' seemed to be good management, we still had a week of major health issues. These included overheating, chilling, dysentery, and the



Smurts' (a falcoury term for having a cold). Sometimes floppy and unresponsive, her eyes closed with no reaction to usual stimuli nor me. I hovered over her some more don't recall the significant running point, but each daysoon became easier than the last, and by two weeks old,—she could thermo-regulate.

Her development was watched closely, and while she had no further effects from the rickets, her beak showed an obvious deformity—a life long condition where the lower mandlels would extend permanently site-ways. The lower mandles would extend permanently site-ways. The was taken to lan MacKenzie (Cental City Vets, Rotorus), and under anaesthetic her beak would be termined and filed. This allowed her to feed normally and aesthetically improved her appearance so that the deformity was hardly noticeable.

She became incredibly playful as the she got older, and full of excirement she would 'emplore' the outdoors when out of her aviary each day. She would cook her head sideways with quizziral interest, and then she started to get mobile – running askwardly but heavily, and infolanced with wing serving more like supports – I guess the avian version with the started of the started of

only one to daintt that a task neared a taskon task in mock attacks, then task short flights fill of reckless abandon (regardless of wind direction), their lek loudly, fill of attacks, then task short flights fill of strinds. On one occasion she flew into a farm trough to bath. I worried she might drown. By the time Treached her in the paddock I wasted her use her wings as paddles to reach the edge and climb out. Wey wet, very heavy, and quite smelly—frepping algae and water boarman. She developed an interest in bathing from that point, and would otten fly on a spring fed stream at the from of the Wingspan six. Most often she would bothe on the fringes of the stream, other times she would be caught by the current and drift downstream using her wings as paddles.

Dimond very quickly became a source of delight to the visitors of Wingspan, each day performing flight displays and providing close encounters for groups, potential spotsors, school groups, building contractors and unwirting family and friends who came to visit us. During the two years of the aviary being completed, she would willingly, and calmly, sit out the gauntlet of outstretched arms, and we are the ground to the contract of the contrac

was the first to be housed at the new Wingspan Centre.

Out in the fields and the paddocks the distin may shoulde

—while I was often just a convenient perelt for het, she
would readily interact and seek my company. Foreyday we
few, and she gained more confidence and esperience on

the wing. Dimond to self, take possing, the most frequently

padd attention to use SSy', a larner leads that had been

released from the property. They clearly detested each

other, often fighting and talon graphing on the wing. It

was on one of these occasions, competing for the 'nitrages'

and erritory that Dimond successfully chased Ssy from

the property. It was a sustained chase, and when she







returned to the glove, she was hyped by the effort - her hackes up and looking wory aggressive. Still existed, her attention diverted to a neighbouring paddock, and she launched from the glove, flying low towards the far corner of the farm. As 1 approached, she was wired - she mantled aggressively, she footed my boots, the glove, and finally a radiabit. Her first successful hums, thy arms bore the trails at Life on and her excitement as she claimed possession of her press.

of her prey.

From the point, Dimond became a keen hunter. Her game included rabbits, ducks, feral pigeon and spurwinged plover. Surprisingly, a possum also fell prey, not normally linked as typical falcon prey; she found one trapped in a downippe. She would be distracted by the helpadosa, chase heron and maggies from the property, but ducks always remained her favourite. On occasions, she would be destracted by the mallards on neighbouring fields leaving me "behind" at the Wingspan site. A common perpession tuck of dosernbe Wingspan falconers is that we are "outstanding in our field." This was ultimated be left "out standing in the field" waiting for her to return, and sometimes! I would need to rapse over farm paddocks to locate her further down the Valley.

Dimond appeared in the Wingspan newsletters and journals, she had been on televisions TVI News and 'Holmes', and national newspapers such as the New Zealand Herald, She featured in magazines including New Zealand Life and Leisture, North and South, on the Wingspan website, in photos, books, paintings, and the New Zealand Post coin issue labelling.

Dimonds legacy lives on. She had, without question, been exposed to many thousands of people - often their first exposure to New Zealand falcons - and she impassioned individuals to the plight of Karearea. May her spirit 'stride the skies'.

Debbie Stewart



Jason Searle

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#### NEW ZEALAND FALCONS & WIND FARMS



In his final year of PhD research studying the folcous within Kaingaroa Forest, and Wingspans necess! Trustee on the Board, Richard Season remains committed to field research and the study of New Zealand folcous.

His work extends to consultancy projects to investigate the human impacts on folcous populations in the wild, including the possible effects of veindfarm development in New Zealand.

with wind turbines.

Wind farm sites in New Zealand are mostly outside of urban areas in bill country, on marginal farminand and/or near mixtre beat. These areas are constructed by the second of the

There is a growing interest in wind farm construction for electricity generation. In New Zealand Wingstown Conventional Tossil facts of participation of the conventional Tossil facts of participation of the construction of many wind farms. The main resistance to the construction of many wind farms. The main resistance to the construction of many wind farms. The main resistance to the construction of many wind farms. The main resistance to the construction of many wind farms. The main resistance to the construction of these farms on the landscape to the cately the potential for imports to native flora and fains.

Oversea, birds have been recorded in some instances to be impacted to active flora and fains.

Oversea, birds have been recorded the some instances to be impacted to active floration of the construction of these farms to the landscape to the construction of the cons

## **FALCON SIGHTINGS**

Falsan sightings are reported to Wingspan throughout the year, with the most common teports during the spring and summer when the follows are nesting. During the 2006-2007 breeding season, Wingspan received reports from a range of locations including Auchdand, Feilding, Grantiy, Kaingaroa, Lower Hust, Marupara, Murchisen, Nelson, Riverton, Temaka, Todaga Bay, Twizel, Waitoma, and

Falcon sightings in your area can be registered online on the website or by sending the information directly to the Wingspan Office. The required details include date, location (with a map reference or GPS reading), number of birds seen, and a brief description of the activity observed.

Most of the correspondence and reports received are enthusiastic personal accounts of close encounters with Karvaraz; however, there have been a number of disturbing reports of conflicts with falcons. A call in February 2007 from Greymouth followed complaints about a raprox ranking domestic dogs - Hate identified as a juvenile female falcon classing a young bichon puppy. In Lower Hutt, repeated visits to a large domestic dove cote resulted in a falcon being deliberately shot by a local pigeon fancier, followed by further wild falcons found dead in Washoyai, Mariborough, and one in Paradise Valley, Rosenus.

In the last edition of the Wingspan journal, members may recall reading about Richmond Atkinson observing nesting falsons in York Bay Sadly, of these, the adult male was found dead after a window strike but for some months afterwards Richmond would see the adult female with one, and on one occasion, both juveniles above Easthourne (about 2 km south of their original nest).

John Gilbert unite....

Thad an interesting encounter in February while I was exploring the mountains of Dunsy Pass, where the Kahami Mountains meet the Ida Range. This is a relative proper of the I was a second of I was a





Morgaret Mann writes:...

We were on a velv trick going thru bush on the way out to Barn Bay—a remote area in the south-west corner of the South Island. There were 10 vehickes in convoy along this streeth of Bush road but we had all stopped as the first vehicle to early long the streeth of Bush road but we had all stopped as the first vehicle to walk forward to take pictures of the problems up from I. As I was walking up the track, there was a vocooling' sound and a young factor arrived, landing on a branch overlanging the track. It dish't make a sound but was very interested in the roof of the vehicle directly under it's branch. After lossing at the vehicle for some minutes, it dropped down onto the roof and was picking at something, be scared or rhighly. After being very excited about the chance meeting with the falcon and having taken about 20 digital shors of it, I then continued up to the falcon and having taken about 20 digital shors of it, I then continued up to the form of the convoy to see what was bappening up there. I was very knowned to have been in the right place at the right time!

Juvenile Januale NZ, Jakon by Margaret Monn to have been in the right place at the right time!



We have also received reports of a more unusual nature about other raptors, in particular a comple of species often referred to as Australian vagrants, or 'straggler's. The Black Kite, with widespread distribution in Australia, has also been reported in New Zealand. In July 2006 Brent Stephenson of Weybill Birding Tours reported Black Kites dimogla the Birding New Zealand website, and a single bird was also spotted by raptor specialists in Marlbarough. The Black Kite is similar to the harrier hawk as a medium sized dark brown hawk with a pale face, the adults with a distinctive fork in the tail. Like the harrier they will scavenge and cut carrion. The Nankeen Kestrel typically favours open country of grassy plains where they mostly hunt large insects, mice, and lizards. Pictured left is a

#### IN THE FIELD



As the 2006-2007 New Zealand Folion breeding season draws to a closs, James Crowe of Massey University looks back with good memories of his time spent observing foleous in

Here James writes a story about Karearea and Kaingaroa; Pine forest and breeding bush

Kaingaros, (located south castof Roorus) is home to adente population of New Zealand falcons. For this reason, it was a prime location to collect observations for my study of breeding behaviour. The aim of my research is to improve honowledge of Lukon breeding behaviour in prime forests. The success of falcons in Kaingarous forest is heart training, yet there is still concern over their future. Loss of podecarp torst, together with human persecution stuggests the forest, together with human persecution stuggests the to be an increased understanding of the species. With this in mind, I packed up my van and moved to Kaingarous to begin my observations.

Being ground-nesters in pine forest, I was able to study nests without the need to ascend mature podocarps. I used time-lapse video and an infra-red (night vision) cantera to collect a continuous record of nest activity. Observations began approximately a week after egg laying, and continued until flexiging.

# Key research questions focussed on: Male and fernale incubation and brooding Rates of ege turning, Feeding rates of chicks Feeding rates of chicks Preferronial feeding of male vs. female chicks Competition amongst chicks Response to externe weather Response to predators

Studying falcons in Kaingaroa forest has been a great experience. Together with fellow researcher Andy Thomas, RANZ and Wingspan members, we located more than twenty falcon nests – all of which I can ensure were enthusiastically defended. A remarkable exp

James Crouve









KAINGAROA
Timberlands Management Lid are acknowledged by Wingspan Binls of Prey
Thus for their proactive interest towards the conservation and monitoring of the
New Zealand falom within Kaingaroa Forest.







ranges and the expanse of steppe zone in heterone.

Revers and Buzzards, common in Mongolia, build their nexts in a belearisticy poles and pylons, and event her ratised shell of an abandoned car. Salers regularly evict these nexts buildress to use the well-built meets a manifer are given as seen of an ancient landscape where a otherant seen in ancient landscape where a other seen for the optical way of ancient landscape where a other seen of ancient landscape where a other seen for ancient landscape where a other seen for the optical portation of ancient landscape where a other seen of ancient landscape where a ot

In short, it was a particularly poor breeding season for the Sakers. For example, of 220 artificial sites, only two occupied by Sakers were successful in fledging young. The critical factor appeared to be food supply. The steppe has many burrowing mammals:

Saker Edecuts, with the government is used to be supported by the sensing CITIES permits for around 300 year, but with very limited monitoring and no research, it is not known between the sensing citizen productivity and to determine if the current level of trade is sustainable, international Wildlife Consultants, working on behalf of the Environment of the Consultants, working on the best of the sensing the sensing of the sensing the

compared.

Meanwhile I have moved on to another project, and I couldn't have picked a more contrasting place to work and offer very different challenges. Munritus, discovered in the 16th century, was quickly overcome by lumrants and a variety of introduced specie drawing those of introduced specie drawing those of introduced specie drawing those distributions of introduced species and a variety of introduced species and was and a variety and the most famously, the Dodo, huvening those species include the mammals; cats, nongooses and macaques which predate native animals and their needs, as well as the plants; Tavellers Palms, Gaucia, and Privet which prevent the regeneration of nature forest the major assault has occurred by logging of ropoical hardwoods and the figure of lovehand forests to make was for supercared custing.

#### ALSO IN THE FIELD...

Andrew Thomas of Morrinvoille has been completing his research proposal to record and detail nesting behaviour of New Zealand fakam in a plantation forest. Living in Kaingaroa forest from October 2006 through to March 2007, Andrew recorded the nesting behaviour of the falcons from incubation through to flotging, monitoring their behaviours and interactions. This research anticipated as a two year project, is to be repeated commenting Oxfober 2007.

In the late summer of 2006, while holidaying and travelling New Zealand, U.S.A visitor Wade Eakle, completed a short paper on the Relative Abundance of Australasian Harriers in New Zealand'. He concurred that the hands was the most abundant native diamed rappor, with road counts in the North Island yielding one harrier every 17.0 kilometres, and the South Island yielding one harrier every



Shane McPherson has had an extraordinary year of fieldwork in some remarkable places. From April to August 2006 he was out on the Mongolian Steppe, part of a teom researching the ecology of Steppe rapions. Then, after a short soop back in NZ, just enough time to sense his dry and dusty kit for a mask and snorkel, he was off to the trapical island Mauritins to be part of a tours monitoring the recovery of the stitically endangered Echo Panikeer.

Straing down from far above, circling wide on massive stiff wings, a pair of Black Voltures watched and wated. The roo figures looked echasics of the straing beat and drying wind, and soon they might collapse, dehydrated and faugued. Then the voltures could descend and goge on the carcased and faugued. Then the voltures could descend and goge on the carcased and faugued. Then the voltures could descend and goge on the carcased and faugued. Then the voltures are straingly pick the bows clean in horse the most of the storm of voltures inglify pick the bows clean in born of the south, and the forested tags forest in the next of the south, and the forested tags forest in the acting not a single trace of our defenits. These were out (someone) the south of the south o



The Mauritins Wildlife Foundation was established in the 1979 to attempt to prevent a treat at the remaining native species were quickly heading the way of the Dodo. The Mauritins Kestrel was down to four known individuals at this time, and with what is probably the most successful recovery of a species known, though intensive management and captive rearing, the kestrel population has at over 600 birds. Two other species at over 600 birds. Two other species that existed at everely low numbers were the Pink Pigeon and the Echo Parakeet, and these also have seen dramatic recoveries.

Parakect, and these also have seen dramatic recoveries.

The Mauritine Widdlife Foundation is now a successful and well-establed conservation group and conditiones to water and the conservation of the properties of the conservation of many endiagered species and the regeneration of habitats. The Echo Parakect, once the worlds rarest parrot (an estimated 25 individuals in the early 885), has experienced a steady me in the release, and intensive management of wild pairs. The Echo population snow at around 300 individuals and at this stage in the project where I have been currently working, the nanugement focus has been more exercised and the conservation of the properties of the campaignees of the proportion of fledgling. However the recent accurages, and a high proportion of fledgling. However the recent accurages and a lot of strentom from the team. With combined monitoring the each proportion of fledgling. However the recent accurages and a for afternoon from the team. With combined monitoring the team. With combined monitoring the each properties of the second monitoring the each properties of the proportion of the team. With combined monitoring the each properties of the p







#### LATEST DEVELOPMENTS



In the spring of 2006, new monitoring equipment was installed as a trial at the Wingspan Centre. The system, normally used for security surveillance, included five fixed attendants to monitor and record behaviour and activity of the birds throughout the

Three of the cameras, with their wide-angle viewing and adjusted zooms, were fitted into reso of the enclosures with pairs of floor within the Kaingrava Ulmberlands and the lake Chalice awaires. The third was designated to the Central City Vetse wairsy to monitor either injured bins, or reared/ fostered chicks of the season. Another two cameras were infrared, and considered most useful for enclosure. The notational activities within the moreports enclosure. The second was fitted in the central artim of the visitor area, to be an alert for any problems with rats, mice, or mustelids.

The camera monitoring during the breeding season produced some significant highlights; the recording on esting helaviour of one of the pairs of falcaus - in particular their feeding countship, egg laying and interactive behaviours. The cameras also captured their section hers attempt, a next of three eggs that failed as a result of flooding. The playback of this event mude emotional viewing watching the birds' attempts to save their eggs.

In October, we noted encouraging signs of menting by the moreports, and with the new infrared camera fund, an additional nesting how was constructed for dieth. Until e known about the courship and nesting behaviours of the morepork mainly due to their noctural labits. Initially the owls seemed wary and gave the new camera some artention, however moths attracted to the light in turn encouraged them to feed and be less concerned. Near box attendance and behaviours of these briefs was detailed, and as a New Zealand first, copulation was also recorded. Unfortunately, no eggs resulted from the pair during the season however we annicipate second nesting attempts in 2007.

When monitoring the morepork aviary camera, we were surprised to see another morepork on the outside of the aviary window, but within the main aviary complex. A wild morepork, attacted by the courtship behaviour and calls of the resident pair, had gained access to the building and was recorded Hynig through the central artium. It was enaght rososting in the visitor area the following day, banded and released.





Wingspan acknowledges the support provided by Phocal Communications, Rotorna, and contributions from the Stoal family of Rotorus towards this monitoring project.

#### HERE AND THERE



"Calling" in at Wingspan was Johnny Kendrick.
Johnny is an audio-visual expert – he worked for the
Willife Service for 20 years where he pionered natural
sound recordings of bird songs of New Zealand, including
the birdical ls bendro of New Zealand, National Radio, in
the birdical ls bendro of New Zealand National Radio, in
the birdical ls bendro of New Zealand National Radio, in
the birdical ls bendro of New Zealand National Radio, in
the carly 97s, and these have can be heard when visiting
the Wingspan website.

Lex has won numerous awards for his work, most recently.

It was Johnny's first visit to the new Wingspan Centre, and here he is pictured with Trustee Noel Hyde having a closer look at part of the research collection.
Johnny is part of the Kinw Wildlife Tours NZ team and can be contacted through www.kiwi-wildlife.co.nz



Colourful banners lined the street of Rotoma in celebration of voming the New Scaland Most Beautiful City Assal' for 2006 Some 40 Keeland Most Beautiful City Assal' for 2006 Some 40 Keeland Most Beautiful City Assal' for 2006 Some 40 Keeland Scalage and painting banners withel to participate by designing damping banners with Rotoma shenses and incorporating the unique widdlife of the area. Featured among them was the Wingspan banner in Arawa Sc. A colourful banner that included a background of Lales Rotorus with clears skies, highlighting artistic images of karearea and manaia.



Lex has won numerous awards for his work, most recently honoured as the 2006 Aruss of the Year by the Meadowlirk. Festival in Pretiction BC, Canada, His chosen specially is drybrush over wash and he works in the contemporary relate style. His struction to detail is remarkable- pictured below is a painting of the New Zealand falcon with kakariki.







Other technical equipment donated to Wingspan has included a high-powered microscope from Steve Lawrence Wallaceville, Upper Hun, and olso a surgical openning microscope unit.

Both of these will be used for a variety of purposes including health monitoring, improved post-mortem analysis, and identification of prey items within pellet samples.

Pictured at left is Noel Hyde and Shane

McPherson using the surgical microscope - in this instance, an analysis and post-mortem of a NZ falcon egg that died in

Ales Whisman and Carol Ryan made a surprise visit to domate to Wingspan a colour television along with DVD and video player. The units were initially set up in the Barn but have since been moved to the museum display area. The equipment has also been networked to the new security cameras and this proved a bit with visitors watching the nexting falcons.

Wingspan would also like to thank Bill and Dorothy Clouston of Rotoria who dorated numbers of books on New Zealand birds. These are available for reference reading in the Bara visitor area.

Visions to the Centre will notice new additions to the museum area. One of the display items features a very generous donation of a Tacte, hand crafted and gifted by Wirerm Baker-oft Oponik Wirermul Baker-aftraining with Master Weivers Gladys Ruru and Whai Hitchener. His work is remarkable, from preparation of the flax fibre to intricately weaving each strand and feather.

The kete is a multitonal Matori flax basket, often decorated intricately with individually towen feathers. The more decorative bogs such as these gained popularity in New Zealand in the 1920's, and this display kete from Wiremin features the feathers of both kahn and karvatro.



#### STOP PRESS!!



National Geographic announced in March 2007 a tiny bird, so rare and unusual, that was spotted for the first time in the wild; the sighting described as "a holy grail" of hird biology. The species wasn't even known to exist until 1976, and since then, the only known living specimens have been those caught in nets at night. As few as 250 of the owlets are thought to exist, and the birds or as distinctive as they are rare. With their diminutive size, bright orange eyes, and wild, wispy facial feathers, the dainty birds belong to their own genus, dubbed Xenoglaux, or "stronge ovd." The outlets owe much of their survival to the remoteness of their deuse mountain habitat.

Wingspan 2007 17

The Wingspan Centre has looked ofter numerous new arrivols during the year, including hawks, poleons and outs. But often calls are received from concerned people regarding other niqued or ordinated buts, particularly introducted protes such as distribubility, poperation, soughts. These are generally refrest to other cognitations which as Roberta SPCA from homourg negation but mergl. Roberta Flat from the Contract to the contract of the Windstant Brit Robert, Ratinbur Spring, and other tenters. This ign Inducer to as even a number of more misual artiroit thinding an injured kake, found by Wingspan members George and Lacy Ratics (opsied on the roadside in urban Robertal), a long unted tankso (subsequently released), a juvenile Robella, and a two day old poid after field.

#### USEFUL LINKS & CONTACTS;

Animal Rescue & Rehabilitation Centre, Rotorna, Nicola Martin Ph (07) 349 2955

Raptor Association of New Zealand www.rur Whangarei Native Bird Recovery Centre, Robert & Robyn Webb www.

Whakatane Bird Rescue, Rosemary Tully www.nzbirds.com/more/rescue.
(This site is also a key national network and includes contact details for similar organisations throughout New Zealand)



The 'Falcons for Grapes' project, reported in the 2006 Wingspan Journal, continues working with New Zealard filcton in the vineyards of Mariborough, Spear-headed by Project Leader De Nick Fox Project Manager Colin Wymn, and a team of volunteers, the research is now into a second season of falcon releases and nadio telemetry monitoring. A short 25 minute film has been completed and further information about the project is available www.falconsforgrapes.org



In early December 2006, the Raptor Association of New Zealand (RANZ) held their AGM at the Winsepan Centre. A last minute photograph captured for the best form and attending the meeting.

Presented for the Section and attending the meeting.

Presented for the Section and attending the meeting.

Suite Central Richard Seaton, Clouds Safford, Suev Laurence,

Suite Phillips, Chris Central Patter Houses.

For further information about RANZ usuneranzong.nz



In July 2007 the worlds first Falconry Festival is to be held north of London, United Kingdom, Hosted by the Hawk Board in conjunction with the International Association of Falconers, and support from the Emirates Falconry Club. It is envisaged as an event to celebrate more than 3000 years of falconry - the varied culture and rich history

- the paried culture and rich history from different countries.
An invitation and unique opportunity has been extended to Wingspan representatives to attend and represent the conservation interests of captors in New Zealand. For further information, check event details at www.falcouryfestival.com

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#### BEHIND THE SCENES

Volunteers are a vital and integral part of the Wingspan programme. The Centre would samply not survive, or he the success it is now, without the immense efforts, bown, and dedication of individuals, monitors and community groups.

The volunteer work at the Wingspan Centre includes a wide range of activities, with a variety of skills and commitment to stile. Just ask Mary Staal, we call her 'front house' - she helps with visitor support. Noel Hyde and Gloria Suffrod keep the fallom avairies immerchaine, Clims Gay in Winamionnan propagates native plants for the deply lanckeeping, and Laurie and Bee Richardson from Auckland stop in to water the avary plants. Contributions by Ales Whisman and Carol Ryan include activiting Wingspan media footage to UVD, Pan Oliver has been seeing ap a text - spiring a lift to the Barn with interior design, and, there are people like Christ Hitterhings, Dave and Flo Robinson, Rev Thompson, and Gas Knopers, that have Reiped to supply prey increas to effect the birds.

#### Current opportunities of voluntary work include:

- Visitor Support Shop, ticket sales, refreshmente, cleaning, enquiries, guiding, hosting,
  Display Maintenance Garden watering, weeding, tweeping, cleaning
  Museum Care doplay windows, cleaning, dusting, display signage, framing, catalogating
  Grounds Maintenance Lawn mowing, pruning, weeding, painting
  Pest Control onsite trap maintenance, resets
  Feed regimes Food preparation, storage, ordering, pick-ups, supply of prey items
  Feed regimes Food preparation, storage, ordering, pick-ups, supply of prey items
  Administration—Journal and nessestient mail outs, members updates, volunteer co-ordination
  writing and publishing.

If you would like to help out, Wingspan welcomes any enquiries or volunteer initiatives, and as Wingspan moves into the future, new opportunities will evolve to meet the conservation needs of the programme. For further information, or to apply to become a Wingspan Volunteer, please contact the office, we'd be thrilled to hear from you.







Clabal Network Volumeers, in February 2007, helping out with stream enhancement at the Wingspan site. Led by team leader Toby Makedm, the group included Sarah Budlong from Washington U.S.A. and from the UK were Mike Gillam, Stuart Dodson, Ross Froser, Louise Stone, Carly Ienkinson, Georgina Summers, Chris McEde, and Alan Morson. If you would like further information about the

# IN THE MEWS SPONSORS AND MEMBERS DIRECTORY













'Ozzy' Male (tiercel)
NZ falcon, sponsored
by Wolfgang Keller,
Hersbruck, Germans, since
2004, Arrived at just 10 days
of age from Upper Hutt in
November 2014, Named
after 'Ozzy Osborne'
because he has an attitudel.
Ozzy is one of the main
display falcons at the
Centre.



Alii' Adult female NZ falcon from Marlborough. Permanently injured as a result of deliberate illegal shooting. Ali has been gift sponsored to Noel and Ali Lamberton of Rotoriu, and Villa Productions of Rotoriu, in recognition of their support of the Wingspan programme.



'Tuhoe' adult male NZ falcon, part of the Wingspan captive breeding programme, and sponsored by Chris and Maxine Fuller of Taupo. Tuhoe is named after the Maori tribe, and, as a warrior of strength.

"Tarauera" adult male NZ falcon, and paired with 'Kaitiaki' as part of the 2007 breeding programme. Tarauera is appropriately sponsored by Mc Errawera NZ Ltd in support of the conservation of New Zealand falcons.



42' is a famous falcon. She has featured in a book (Janet Hunt 'A Bird in the Hand'), has her own wine label (Lake Chalice 'Flight 42 Unosaked Chardomay), and is a jigaw puzzle image on Wingspans website – education section. 42 is gift spousored to the students of Wellesley College, Eastbourne, by the Morris family of Wellington.



"Kaitiaki", adult female NZ falcon, kindly sponsored by Rona Larsen of Hamilton. Kaitiaki is the Maori word for guardian or carer, she is paired with "Tarawera' as part of the 2007 breeding programme.

Forca is an adult fernale NZ falcon, paired with Tuhoe for the 2007 breeding programme. Forca is named after part of the eye, in recognition of the remarkable eyesight of birds of prey -cight times better than humans. Forca was gift sponsored for Mark McKenna of Rotorua.

### A 'HAWKING' FOR NZ RAPTORS



The term 'Hawker' is an old lalconry description, but in more modern times, by Oxford Dictionary definition, the expression to 'hawk' is to "Carry (goods) about for side (lit. or fig.): "ee n., one who does this for a living. (hawker f. Ldu.) obust for sile (lit. or jig.) - 'er a., one who who of a living. Banker J. Liu.]
In Angun 2008. Wingspan with the elebrating more from 15 years of specimens as a
regimened duritable mus. From humble beginning to a facility of international
standard - plans an non-in place to conduct a major findulating venture.
The purpose to none Wingspans annualated levelopment, to build capital reserves,
and purchase property, with a target of 1600,000, to see Wingspan continue in perpetuit

are processe property with a single of \$400.

The August 2008 Hawking Eventis envisaged to include special dinners, birthday promotions, workshops, members days, and novelry fundraising auctions. Confirmation of the programme will be included in next years Journal (March 2008) so we can keep imembers up-to-date with all promotional events. In the meantine Wingston members are invited to consider initiatives, dorasted items, services, documents, and products, alter can be legislatives, dorasted items, services, documents, and products, alter can be legislatives, dorasted items, services, documents, and products, alter can be legislatives, dorasted items, services, documents, and products, and can be legislatives, dorasted items, and the legislatives are legislatives and balders? Missie, entertainment, artwork, books – small, large, or novelty items would be considered and gratefully accepted.

The auction will be a combination of on-site and online bidding, and some will have reserves in place as a minimum bid, - all items are anticipated to have 'provenance' and genuine collectuality. Where possible, items will include personal messages and/or letters of confirmation, an auction certificate, and receipt of purchase.

The auction listing is to be raptor themed. Special categories will include Art, Laterature and Culture, Flight, Speed, Hoods and hats, etc.



As an example, one of the leading categories is 'Altitude'. This category is for the raptors that 'scride the skies' and live in the high country, to celebrate their flight, and the mountains they inhabit.

The Trust is thrilled to announce the first item in this category to be confirmed. Framed and autographed New Zealand five dollar notes personally signed by Sir Edmund Hilary – conqueror of Mt Everest!





If you are able to organise or help with Donations, Memorials, I Free loans, collectable items of interest, products of appeal, or disc services, for the auction we'd love to hear from you!!















'Millie' the Millennium falcon, was captive bred at the Wingspan Centre in October 2006. Mille is featured on page 4, and is sponsored by Futuresale Building Inspectors of Whangaparoa.



'Jeit' juvenile male NZ-falcon and one of four falcon chicks orphaned from the Kaingaroa Forest in November 2005. Jeit is to be part of the breeding programme and is kindly sponsored by Gary and Amnette Hall of Waiuku.



Tahi is an adult female falcon, rescued as a chick from the Kaimanawa Forest in 2005. This year will mark her first year as part of breeding programme. Tahi is kindly sponsored by Andrew Wilkins of Tauranga.



'Sloan' adult male NZ Jaloon, Sloanarrived injured from Opotiki in 1994, and las been part of the main captive paris breeding since 1996, but has since been retired. Rachel and the late Bill Sloan were the first or register as Wingspan members in 1996, Pictured here is Rachel during a visit in 2006

#### OWLS

Nestor is a wild injured adult male from Rotorua in 2005. Gift sponsored by the Staal family of Auckland and Rotorua, and named Nestor; one of the oldest and wisest of the Greek Kings, noted for his bravery in the Trojan







Mohauek juvenile male Australasian harrier. Found in Hamilton as a young chick (eyass) at an estimated 15 days of age, December 2005. Mo was rescued, and is kindly sponsored, by Reg and Gael Salter of Hamilton (pictured above).

'Maxe' wild injured juvenile male from Tiran in January 2007. Max was rescued and is kindly sponsored by Don and Christine Finnegan of Tirau.

Kida' wild injured juvenile female from Warkworth 2007. Kuda' was transferred from the Whangarei Native Bird Recovery Centre and is sponsored by Etienne and Diana liberson of China.

#### MEMBERS LISTING

<sup>™</sup> Indicates Honorary Members & Life Members (services, materials and/or contributions of \$1000 or mon.),

NEW ZEALAND MEMBERS

ASHBURTON Derck and Helen Binnie 2003

ASHHURST

AUCKLAND Grant & Sarah Abbott 20 Anderson Family 2006 Ashleigh Anderson 2003 Courtney Anderson 2003 David Baker 1998 Russell Balmforth 1996 Peter Bayliss 2001 Peter Bayliss 2001 Colin Blomfield 2006 Robin Bush 2005 K P Chalmers 2006 Ann Collins 2004 Huri Dennis 2006 Martin Dixon 2001 Eleanor Duff 1996 Robert Deball 2003 Eleanor Duff 1996 Robert Dyball 2003 Amanda Fowler 2003. Phil and Margaret Fry 1997 Andrew Gilsson 2006 Peter Glamuzina 2005 Mike and Sharon Graham 20 Jeremy Green 2004 Betty Griffiths 2005 Andrew Hales 2006 Steven Hayes 2005 Altser Elurlow 2001 Steven Hayes 2005 Alister Harlow 2001 Katic Henderson 2003 Mick Hodson 2005 Mick Hodson 2005 Victor Hopwood 2004 Penny Hunt 2002 

Richard & Maggic Jakob-Hoff 06 Brita Jacobson 2002 Andrew James 2001 Dayne & Toni Laird 2007 Jennifer Leigh 2006

Catherine McClintock 2006 Allan MacGillivray 2002 №

Jill Marchant 2004 Daniel Margot 2005 Mathew & Jonathan Mason 2005 Brendan McMahon 2005 Leonie Morris 2006 Geoff & Lynette Moon 1992 №

Nigel Naushaum 2004
Patricia Nazzari 2004
Ruth Nisbet 2005
Ruth Nisbet 2005
Catherine Paki 2006
Georgia Petry 2006
Kevin Philpott 2004
John & Adrienne Powell 2004
John & Adrienne Powell 2004
John & Edward 2004
Patric Paidel 2004
Lauric & Ber Richardson 2006
Carol Ryan 2003

Nachan & Rachel Royce 2000
Carol Ryan 2003 9
John Sanders 2004
The Smith Farmily 2003
Piota, Magda & Jane Smoltra 2006
Machae Statal 2006
Andrew Statford 2005
Wordy Stephens 2006
Jim & Kathy Stevens 2006
Jim & Kathy Stevens 2006
Jim & Kothy Stevens 2006
Jim & Stort 2005
F K Sutron 2006
Ashley Thomson 2001
Josephine Thomson 2001
Josephine Thomson 2001
Josephine Thomson 2001
Josephine Thomson 2005
Flasabeth Vaneveld 2006
Elisabeth Vaneveld 2006
Elisabeth Vaneveld 2006
Ploselve Wong 2002
Alex Whitman 2003
Ploselve Wong 2002
Alex Whitman 2003
David Willers 2006
Pere Wyatt Family 2007

BAY OF ISLANDS

BLENHEIM
Redwood Pass Vineyards 2001
Grace and Davy Binnie 2001
Chris and Lynne Boyce 2002
Don Cromarty 2001
Lake Chalice Wines 2001
Jan Lyall 1996
Edwin O'Dhounell 2006 Edwin O'Donnell 2006 Jim Sheild 2002

CAMBRIDGE David and Liz Jones-Parry 2005 Graeme and Alison Parle 2006 Elisabeth Denham 2006 Rob and Marie Steadman 2005 Elisabeth Denham 2006

CHRISTCHURCH 

CLIVE Kathleen Allan 2005

COROMANDEL John Veysey 1996

DARFIELD Rob Laurence 200

DUNEDIN David Laing 2004 Lisa McArthur 2002

FEILDING D E and A E Hastings 2006 Peter and Dorothy Hurren 2000

GISBORNE Doug Bell 1996 Derek and Gwen Kirkham 2002 Kate McDonald 1996

GORE Bonnie Smith 2004

HAMILTON Greg & Katia Addison 2007 Clive & Frances Bleaken 200: Hugh and Zoe Clifford 2001 Hugh and Zoe Clifford 2001
Rona Larsen 2005
Lan Logan 2005
Lynette MacDonald 2006
Mike & Gaylyne Mason 2007
Barbara Reid 2007
Barbara Reid 2007
Royal Forest & Bird Prosection Soe.
Inc Walkato Braineh 2002
Reg and Gael Salter 2005
DC Sjörmads & Rajhh Ostering 2006
Winkaro Ornithological Society of
New Zealand 2003
Angela Wickham 2004
Ketth Wilkinson 2004
Ketth Wilkinson 2005
Johlene Kelly & Tony Fenton 2007

HOKITIKA Cameron Bloomfield 2006 Ryan Bloomfield 2006 KAIKOHE

KATIKATI Mr & Mrs J A'Court 2006 KATTIKATI
Mr. & Mrs.] M/Court 2006
Ann Bell 2006
Greg Betridge 2006
Sherry Boulton 2007
Alex & Jan Blery, 2006
Maurice & Gail Frank 2006
Maurice & Gail Frank 2006
Les McDonald 2006
Dan Mahoney 2006
Robyn Skelton 1997
Wendy Stewart 1997
Lewis and German Thorp 20

KAUKAPAKAPA

KAWERAU

KERIKERI Dor and Rob Denner 2005

LEVIN Christine Moyle 2005 John & Bev Craig 2004 Tim and Claire Hedges 2006

LOWER HUTT Richmond Atkinson 2005 Murray Horlor 2001 David Kincaid 2001 Lynette and John Robinson 2005 Zip Plumbing Hutt Valley @

MAKETU Christian Jensen 2003

MANAPOURI

MANGAKINO Janet & Loyal Comins 2005

MANUKAU CITY

MASTERTON Sheila Coombs 1996 Heseltine Trust 1996 Patricia Kennedy 2007

MATAMATA Pam Gore 2002 Brian Jones 2004 Caron Stewart 2003 MORRINSVILLE

MT MAUNGANUI David McKay 2004

NAPIER Karen Kenrick 20 Virginia Wilson 20

NELSON Yoka De Houwer 2005 Don Grant 2005 Howard & Shelly Kalmer 2001 Debbie Oliver 2004 Sally and Murray Win1996 Janet Marshall 2003

NEW PLYMOUTH Nicola Addison 2004 Dave Bell 1997 David & Terri Gould 2004 Raewyn Hodge 2005 Te lhu Tu 2006 Peter & Lynda Wilson 2006

NTH SHORE CITY

OHAUPO

OHAKUNE Mike Craig Davina Mott 2004

OHOPE Malcolm Hutton 1996 Don McConchie 2007

OPONONI Harold and Jenny Barlow 2005

OPOTIKI Wiremu Baker 2006 Greg Gedson 2005

OREWA Rovda Twentyman 2001

OWHANGO

PALMERSTON NORTH Ross Bailey 2002 Robyn Galloway 2002 Craig Irving 2006 John Mitchell 2006 John Mitchell 2006 Diana Monaghan 2003 Peter Munn 2005

Richard Seaton & Fleur Maseyk 2003 P Roger Slack 2005 Roger Slack 2005 Faye Templeton 2004 Dylan van Winkel 2006

PARAPARALIMI FARAPARAG MC Kapiti Fencing & Gate Services Ltd 2006 © Pamela Oliver 2004 Scott and Karen Parker 2005 ©

PATEA Bob Walkington 2005

PLIMMERTON Allan & Gillian Dodson 2006

PORIRUA CITY Gary and Cheryl Cameron 2005 Kim Britton 2006

David Lawrie Par Sevb 2001

PUTARURU
Craig and Cheryl Andrews 2007
Bill Cameron 2002
Chris and Ann Gilbert 2005
Richard & Margie Hermans 2006
Rachel Lang 2006

RAGLAN Loretta Dixon 2004

RAUMATI

REPOROA Martyn & Ange Hine 2006 Kathy Somerville 1996

RIVERTON

ROTORUA Dave Abernethy 2003 John Andersen 2004 Nicholas Anderson 2005 Jamie Anso 2005 Marygold Argent 2005 Christine Asbe 2005 Christine Ashe 2005
Den and Dine Atkinson 2005
Sheryl & David Baker 2004
Roger & Laraine Barker 2004
Mary Barton 2007
Joan Bell 1996
I. A. Benbow 2004
Jeanette Blackburn 1996
Wendy Boyd 2005
Christine Burt 2007

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#### 24 Winospan 2

J A Cade 2006
Stuart & Kristin Campbell-Smith 2006
Cammap Hawley 2001 
Anne-Maric Candwell 2003
Canner Family 2005
Julie Cawre 2005
Russell Champness 2006
Wendy Christiansen 2003
Suzt Clemens 2002
Bill & Dorothy Clouston 2006
Jim Coburn 2008
Sandy Carbett 2005
Joanne Cornell 2006
Ron & Joan Couchman 2003

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B & C Croker 2005
Kevin and Jill Growe 2005 B & C Croker 2005 Kevin and Jill Crowe 2005 Peter & Jill du Chateau 1997 Peter & Jill du Chateau 1997 t David Edwards Ermily 2005 Elphick Ermily 2005 Heather Finker 2005 Heather Finker 2005 Oer Fleet 1999 Murray and Vi Fosster 1996. Erry & Raewyn Foster 2006 Fuller Family 2003 Keth & Alma Garrat 2007 Keth Giblin 2005 Jlam Gifford 2005 Flam Gifford 2005 Flam Gifford 2005 June Grant 2007 Rose Gray 2006 Haggie 2005 Suc Hahn & Elers Family 2005 Ron Hall 2005 Brent & Shirley Hardy 2002 \* Peter Hardy 2005 Peter Hardy 2005 Todd Harris 2005 Barugh & Heather Heather 2004 Emma Henderson 2004 Kath Henderson 1996 Warwick Hesketh 2003 Brian Hodgson 2004 Ryan Holmes 2004 Ryan Holmes 2004 Wayne & Wendy Holmes 2004 № Noel Hyde 2003 № Jeffcore Family 2006 Des & Janet Johnson 2004 Noel Johnson 2003 Kaharoa School 2001 R L King 2005 Blanche Kingdon 2006
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Rod Lochhead 2004 Rod Lochhead 2004

Malcolm & Julie McDonald 2004

McDougall-Archer Family 2005

Hughie McDowell 2005

Lorraine McIndox 2005

Diane McKay 2004

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Andrew Peterson 2006
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Patricia Price 2009
Harry Price 2009
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George and Lucy Recozey 1997
John Read 2006
Cathire Recews 2007
Leo Rida 2005
Dave & Flo Robinson 2006
Wayme Robers 2004
Jan Rogerson 2004
Jan Rogerson 2004
Jan Rogerson 2004
Rotorus Detail Probus Club 2008
Rotorus North Probus Club 2008
Rotorus North Hostels Association of New Zealand 2005
Roto Whema Kwamis 2002
Jan Rosaka 2006
Darcy Shuttleworth 2004
Naralic Snowball 1997
Soroptomist. International Rotorus 2001
Mary Standard 2004
Mary Standard 2006 Mary Staal 2004 Don Stafford 2004 Gloria Stafford 1998 ♥ Jack & Edie Stafford 2003 Murray & Barbara Stafford 2003 Debbie Stewart 1992 ♥ Julie Taplin 2005

Julie Taplin 2005
Pierre, Vina, & Jaques Terblanche 2006
Drew Taylor 2005
Dr Margrietha Theron 2004
Thomson Family 2005
Tony Todd 2004

Phil Trautmann 20 Phil Tunstall 2004 Robert Vieira 2006

Dennis & Robyn Ward 2004 Andrew Warner 2006 ☆ Coral Warner 2006 Mark & Jo Watton 2006 BR & J Wenborn 2006 Stephen White 1997 Judy Wild 2006 Wildland Consultants 2001 Katic Williams 2007 Bev Wilkinson 2006 Lou & Robyn Woolliams 1996 Graeme Young 2001

TAIRUA John and Rona Lomas 1996 Frances Olsen 2005

TAKAKA Trudi Fersterer-Gawith 2006

TALIPSC
Chris and Maxina Fuller 2005
[Ohr and Part Gibbs 2006
Mike & Liz Keys 2006
Mike & Liz Keys 2006
Bill Lowry 2006
A.J. Parkin 2005
Rob, Lyme and Peter Scott 2005
Pat Smith 2005
Don and Mary Lockwood 2005
Steve Wilks 2006

TAURANGA Jack Bowden 2004 Bryan & Margaret Burch 2003 G.W. and J Butler 2001 Grant & Falcon Chalmers 2004 Sarah Cowie 2004 Suart Davison 2005 Paul Denniston 2005 Chris Gambina 2005 Stuart Davison 2005
Paul Demistro 2005
Chris Gambissis 2001
Lesle Gilda 2006
Mary Hill 2006
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George and Jill McDouald 1996
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Royal Forest & Bird Protection Soc.
NZ Inc Tauranga 1999
Berends Sherson 2007
Gary Stone 2006
Graham and Massine Taylor 2006
Graham and Massine Taylor 2006
Andrew Wilkins 2006
Andrew Wilkins 2006

TE AWAMUTU Lauric and Jan Hoverd 2003 Colin Jenkins 2004 Murray Rowe 2005 Doug Scott 2005

TE.POKE Pat Evans 2002 Gus and Gerdie Knopers 2002 Murray McBride 2003 Nigel and Linda McPherson 2006 Shane McPherson 2004 Te Pinke Royal Forest and Bird Protection Soc.NZ.Inc 1997

THAMES Andrea Fox 2005 John Gaukrodger 2006 Dale Stevens 1999

TIRAU Don & Christine Finnegan 2007 Joshua & Danielle Kane 2007

TOKOROA TURANGI

UPPER HUTT Dennis and Terri Fordham 2006 Steve & Yvette Lawrence 2006 ☆ Andrew Mason 2001

WAILIEKE ISLAND Neil Harrison 2003 Neil Harrison 2003 Janet Hunt 2003 Pamela Finkle 2003 Caroline McConnell 2006 Pam Oliver 2002 ✿ Steve & Lindy Robinson 2006 Annie Wheeler 2006 Rohan Williams 2006

WAII II Ted Kirk 2005 Margaret Morgan 2005

WAIKANAE Shane Caley 1996 Gidcon Anderson Viv Lord 2006

WAIN/UIOMATA Chris Gay 2004 © Jenny McIvor 2006 Prise McIvor 2006 Simon McIvor 2005 ©

WAITAKERE Michael Coutane Ross Jury 2004

WAIUKU Gary and Annette Hall 2005 Sharon McGregor 2007

WANAKA Justin Dean 200

WANGANUI Paul Gibson 2007 Ian and Jocelyn Bell 2005 Graeme, Sue, Rebecca Walker 2004 Judy Vernon 2006

WARKWORTH Mr and Mrs R.A Ander John Vlaanderen 2004

WELLINGTON Pou Arabi 2006 WELLINGTON
Pon Arabia 2006
Creative New Zealand 2006
Creative New Zealand 2006
D. Bimina 2001
Des Bolland & Steph Mardell 2006 ©
Eymard Bradley 2005 ©
Kim Britton 2006
Geneme Brown & Debbie Clare 2003
Rechard & Jane Gregoe 2007
Amun Denne 2007
Vicky Ellis 2007
Vicky Ellis 2007
Chris Genore 2006

Vicky Ellis 2007
Chris George 2206
Brad Henderson 2003
Mathew Henderson 2003
Mathew Henderson 2003
Jenny Hold 2006
Gordan & Parmela Hyde 2006
Michael Kilparriel 2003
Miller Macleod Gore 2006
Severn Macleod Gore 2006
Severn Macleod Gore 2006
Milk Malancha 2005
David Karyn, & Cambell Morris 2005
David Karyn, & Cambell Morris 2005
Shirley Nairn 2003
James O'Leary 2007
Nick Peet 2004
Gooff Stone & CSRE Team 2006 Nick Peetz 2004 Geoff Stone & CSRE Team 2006 Fiona Sturrock 2006 Kevin Wangh 2006 Wellesley College Students Rosie Zwart 2006

WHAKATANE W FIAKATANE
Adrian & Sarah Barlow 2005
Emma & Blake Barlow 2005
T. Fitzmaurice 2002
Derek and Kerry Gosling 2002
Andre Hamman 2003
Neville Harris & E Greig 2003
Phil Hope 2002
Finn Marris Phil Hope 2002 Finn Kamphorst 2002 Don McConchie 2007 Don McConchie 2007 Raewyn Kingsley-Smith 2006 Lesley Price 2006 Lindsay & Saxon Weavers 2005

WHANGAPAROA

Jason Searle 2005

WHANGAREI Elisabeth Long 2004

WHITIANGA George & Nina Calder 1996

INTERNATIONAL AUSTRALIA

Mike Constable 2005 Neville & Davn & Jayden Jess 2006 Jacob Jones-Henderson 2003 Helen Mills 2006 Dilan Rajasingham & Louise Mayelair 2005 & Shane Biles 2004

Bedys. AUSTRIA

BELGIUM

11/1 E.

CANADA Ken Hooke 2004

CHINA Brienne & Diana Ebersen 200 GERMANY Wolfgang Keller 2004

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Mrs R Demoitie 2006

UK S Binus 2005 David Brill 2006 Dr Nick & Barbro Fox 2004 Alan Horoz 2005 Jonathan & Helen Rudge 1996 Tony & Jennifer Ornstein 2005

LSA
Henry Bowles 2004
Henry Bowles 2007
Henry Bo 

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at just \$2.00 admication per person with Raptor Experience guided
tours.

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research, and daschay heithir by a Wingspan representative.

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A one hour guided tour of the breeding, research and to the hour guided tour of the breeding, research and admission and unique hieractive. experience with trained New Zealand binds of prey aby appearance with the New Zealand binds of prey aby appearance with the New Zealand binds of prey aby appearance with the New Zealand binds of prey aby appearance with the New Zealand binds of prey aby appearance with the New Zealand binds of prey aby appearance with the New Zealand binds of prey aby appearance with the New Zealand binds of prey aby appearance with the New Zealand binds of prey aby appearance with the New Zealand binds of prey aby appearance with the New Zealand binds of prey aby appearance with the



The Wingspan Board of Trustees would like to take this opportunity to thank you for your support of Wingspan Birds of Prey Trust over the past year.

As a volunteer organisation and charitable trust, your contributions are welcomed and important for the ongoing life of the Trust.

Donations of \$5.00 or more are tax deductible within New Zealand. Donations can be processed through e-shop at the Wingspan website www.wingspan.co.nz, or sent directly to;

WINGSPAN BIRDS OF PREYTRUST P.O.BOX 993 ROTORUA

Yes, please renew my membership
Member#
Name
Address

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Please send a new or gift membership to; Name .. Address

#### PAYMENT **ENCLOSED**

OVISITOR ADMISSIONS

Adults Children \$15.00 \$..... \$ 5.00 \$.....

MEMBERSHIP DONATIONS 
 Individual Family
 \$30.00

 Lifetime №
 \$1,000.00

OSPONSORSHIP SUPPORT

Purchases (please specify)

O Donation

Total

CARD TYPE: Mastercard Visa V

Credit card #

CARDHOLDERS NAME: ......

EXP DATE:...../...../ AMOUNT:....

BIRDS OF PREY TRUST
REGISTERED CHARITABLE TRUST 1992
ROOLBO 993,
Rotona, New Zealund

#### RAPTOR SHOPPING

WINGSPAN IS A REGISTERED CHARITABLE TRUST.

All money received from the purpose of menhandise contributes to the ongoing stores of the Wingspan po Merhandise available features sometric earls, artwork, roofs, books, gife and sometries. We currently have a sunning collection of jevelry available including feather earrings, browches, and the Wingspan NZ Falcon 42° east by Sherrington Jewellers of Wellington.



Award witning book by Janet Hunt and features a chapter on New Zealand raptors, notes on Wingspan and includes a story about one of the Wingspan birds '42'. A wonderful gift, \$30.00

Wingspan Special Members Pin \$10.00 (only available to members)





Limited Edition artwork from Pauline Morse, Janet Marshall, Jeanette Blackburn, available at the Wingspan Centre, Visit the 'Barn' for any enquiries, or visit e-shop



raptor themed, with products available for purchase, selected gifts, artwork and souvenir products.

Enquiries as a meeting venue and specific events welcomed,

# mmissions also welco mike@cheyne.co.nz (04) 236 8091



Solid bronze sculpture with dark brown patina. Limited Edition #4 of 24. \$500



After \$16cm x 22cm
47cm x 16cm x 22cm
Solid bronze on granite base with dark brown paLimited Edition #2 of 9 \$6,500

