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## News writing Tools

STORY PITCH - Use the organization below to document your story pitch conversation.

STYLE	The style will determine the story structure HIGHLIGHT which style your story is <b>NEWS</b> / FEATURE / PROFILE	KNOWS	The CORE 6 are the basic building blocks of news storytelling.
TOPIC	Rose Ringed Parakeets	Who	The people of Kauai
		What	An invasive species of Rose-Ringed Parakeets are invading kauai
ISSUE	The Rose-Ringed Parakeets numbers are growing and causing problems, but it would be hard to get rid of them.	When	Present
		Where	Kauai
ANGLE	From people in the Kauai Invasive Species board thinking of ways to solve this problem.	Why	To inform the community about the growing problems of the rose ringed parakeets
		How	By talking to officials dealing with the problem and people in the general public that have witnessed the rise of these birds.

STORY - Summarize your story below.

We start out by talking about what the rose-ringed parakeet is. We then have Representative Kawakami and a member of the Kauai Invasive Species Committee talk about the problems that they cause to both the environment and to the community. We then have a member of the community say his opinions about the parakeets and then what the plans are for the birds.

SOURCES - Identify your information source(s) - inserts a row below to add more sources

- #1 Bishop Museum
- #2 The Garden Island News Paper

TRANSCRIPTIONS - Highlight key soundbites, insert rows to add sources

Bill Lacey	WHAT ARE THE ROSE-RINGED PARAKEETS?
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THE ROSE-RINGED PARAKEETS ARE A BIRD THAT'S BEEN ON KAUAI FOR A WHILE AND THEY'RE A SMALL GREEN BIRD AND MOST PEOPLE HAVE SEEN THEM FLYING AROUND DURING DUSK.

WHAT IMPACTS DO THEY HAVE ON KAUAI?

THE IMPACTS THAT THE ROSE-RINGED PARAKEETS HAVE BEEN SHOWING RECENTLY ARE THEY HAVE BEEN PREYING ON LYCHEE TREES PAPAYA FARMS. THEY'VE BEEN A PROBLEM ON SOME OF THE CORN CROPS FOR A NUMBER OF YEARS AND IT APPEARS THAT THEIR NUMBERS ARE RISING AND THEY ARE BEGINNING TO PREY ON ALL TYPES OF FRUIT TREES AND SEEDS ON THE ISLAND.

DO THE PARAKEETS ONLY AFFECT THE FARMERS

PRIMARILY THEY WOULD AFFECT FARMERS, BUT ALMOST EVERYONE ON KAUAI HAS FRUIT TREES IN THEIR YARD AND THEY'RE AFFECTING ALL THE FRUIT TREES SO IT NOT JUST FARMERS, ITS REGULAR LANDOWNERS TRYING TO HARVEST FRUIT FROM THEIR OWN PROPERTY.

HOW HAVE THEIR POPULATIONS INCREASED?

THERE ARE A COUPLE REPORTS OF WHEN THE ROSE-RINGED STARTED, WHEN THEY WERE FIRST INTRODUCED WHERE A COUPLE OF ROSE-RINGED PARAKEETS WERE DOWN ON THE SOUTH IN THE POIPU REIGNON WHERE THEY WERE KEPT AS PETS AT A BED AND BREAKFAST, THERE'S ANOTHER STORY AROUND NINETEEN EIGHTY AND A COUPLE OF ROSE-RINGED PARAKEETS WERE BEING KEPT AS PETS AND DURING THE HURRICANE IN THE EARLY EIGHTIES THEY WERE RELEASED. FROM THE NINETEEN SIXTIES TO THE NINETEEN EIGHTIES THERE REALLY WEREN'T THAT MANY. MAYBE FIFTY, THAN A HUNDRED, THEN A COUPLE HUNDRED THERE WAS SOME WORK DONE IN TWO THOUSAND ELEVEN TO TRY AND ESTIMATE THE POPULATION BY WILDLIFE SERVICES, BY USDA WILDLIFE SERVICES, AND THEY ESTIMATED THE POPULATION AROUND TWO THOUSAND ROSE RINGED PARAKEETS AND THEY FOUND TWO ROOSTS, BUT DURING THAT TIME, THEY FIGURED THAT THERE WAS PROBABLY ANOTHER ROOST AROUND THERE THAT THEY DIDN'T LOCATE, AND SINCE THAT TIME, THE ESTIMATES RANGE FROM FIVE TO EIGHT THOUSAND OR POTENTIALLY MORE. I

APPEARS THAT THEY ARE MOVING INTO A "J" CURVE MOST POPULATIONS WILL CONTINUE TO GROW UNTIL THEY REACH A CRITICAL BREEDING MASS OR THEY REACH ENVIRONMENTAL CONDITIONS, WATER TEMPERATURE REACH A GOOD STAGE AND THEN THEY JUST TAKE OFF. I THINK THAT WE ARE AT THE EARLY STAGES OF THE "J" CURVE AND WE ARE GOING TO SEE A LOT MORE OF THEM SO THAT'S WHY WE ARE FORMING A WORKING GROUP TO DEAL WITH THE SITUATION.

WHERE DID THEY COME FROM AND HOW DID THEY SPREAD?

THE PARAKEET WAS A PET THAT WAS BROUGHT IN BY PRIVATE PEOPLE, AND WHEN THEY ESCAPED FROM THEIR OWNERS OR WERE LET LOOSE, THEY TOOK UP RESIDENCE IN NEARBY FARM FIELDS AND IT'S MY UNDERSTANDING THAT THE FARMERS TRIED TO ERADICATE THEM OR SHOOT THEM AWAY, BUT THESE ARE VERY SMART BIRDS SO THEY JUST WENT TO A PLACE WEREN'T THEY WEREN'T BEING HARASSED, SO THEY ARE VERY SMART. SO AS KNOWING WHERE TO SPREAD, THEY NEED A COUPLE OF THINGS, THEY NEED ROYAL PALMS BECAUSE THEY SLEEP IN ROYAL PALM TREES AND THEY NEED A ROOSTERY SITE, A PLACE WHERE THEY CAN HOLLOW OUT A BRANCH IN AN ALBIZIA TREE, THEY HAVE VERY STRONG BEAKS SO THEY CAN MAKE A HOLE THERE AND RAISE THEIR YOUNG, SO IF THEY HAVE A PLACE TO NEST AND A PLACE TO SLEEP, THOSE ARE THE FIRST TWO REQUIREMENTS, THEN THEY LOOK FOR A PLACE CLOSE TO FOOD, SO THEY SPREAD BASED ON HABITAT NEEDS AND FOOD NEEDS.

WHAT ARE THE PLANS FOR DEALING WITH THE PARAKEETS?

RECENTLY WE HAVE PUT TOGETHER A WORKING GROUP WITH THE DEPARTMENT OF FORESTRY AND WILDLIFE, DEPARTMENT OF AGRICULTURE, THERE HAVE BEEN SOME COUNCIL MEMBERS HAVE BEEN INTERESTED IN THIS PROBLEM, STATE REPRESENTATIVE THAT ARE INTERESTED IN THIS PROBLEM, AND THEY HAVE CONTACTED US, AND WE ARE WITH THE KAUAI INVASIVE SPECIES COMMITTEE. THE DEPARTMENT OF AG IS OFFICIALLY IN CHARGE OF THE RESPONSE BECAUSE IT'S CLASSIFIED AS AN AGRICULTURAL PEST, BUT THE RESPONSE IS GOING TO TAKE EVERYBODY'S INVOLVEMENT. THE GROUP THAT HAS DONE THE MOST OVER THE LAST TEN TO TWELVE YEARS IS THE USDA FISH AND WILDLIFE SERVICES. THEY HAVE DONE A LOT OF TELEMETRY STUDIES,

ROOSTING STUDIES, SOME CONTROL WORK, SOME POPULATION STUDIES, AND THERE'S A LAB IN HILO THAT HAS WRITE UP SOME PAPERS ON THIS

DO THEY POSE ANY THREAT TO NATIVE SPECIES?

WERE NOT SURE, IF THE ROSE RINGED PARAKEET POSES A THREAT TO NATIVE SPECIES, IT'LL PROBABLY BE IN THE FORM OF COMPETING FOR SPACE OR WHAT WERE REALLY CONCERNED ABOUT, WHAT THE KAUAI INVASIVE SPECIES COMMITTEE IS CONCERNED ABOUT IS THE BIRDS EATING INVASIVE SPECIES SEEDS SUCH AS BINGABING TREES OR MICONIA TREE. TREES THAT WE DON'T WANT TO SEE IN THE UPPER WATERSHED. TREES THAT WILL TAKE THE PLACE OF NATIVE PLANTS, TREES THAT WILL KILL OFF THE UNDERSTORY WHICH WILL THEN MOBILIZES MUD AND SEDIMENT INTO THE STREAMS WHICH WILL POLLUTE THE WATERWAYS AND THEN GO DOWN INTO THE REEFS AND THAT'S WHAT REALLY WORRIES US. PARROTS AND PARAKEETS TYPICALLY DESTROY MOST OF THE SEEDS THAT THEY EAT, SO HOPEFULLY THEY'RE NOT SPREADING THESE INVASIVE SEEDS BUT WE WON'T KNOW UNTIL WE DO THE STUDY. IF THEY ARE SPREADING THE SEEDS THAT WOULD BE BAD BECAUSE THEY'RE FLYING ALL OVER THE ISLAND, THEY WERE DOCUMENTED IN LIHUE, AND BY NINE O'CLOCK THEY WERE BY THE WAIMEA RIVER. SO THEY COVER SOME GROUND. THEY CAN FLY OVER THE MOUNTAIN, THEY FLY OVER THE FARM HERE EVERY DAY AND THEY GET TO THE UPPER WATERSHEDS, AND THAT'S A CONCERN. ANOTHER REPORT THAT I JUST RECEIVED THIS WEEK SAID THAT THE PARAKEETS WERE EATING KOA SEEDS. KOW TREES ARE THE TYPE OF TREES THAT WE ARE TRYING TO REESTABLISH AND TRYING TO RE-ESTABLISH THE NATIVE SPECIES WHICH BRINGS BACK THE NATIVE BIRDS AND THE ENDANGERED SPECIES. THERES AN INDIVIDUAL THAT GROWS A LOT OF KOA FOR REFORESTATION AND THE PARAKEETS HAVE BEEN GOING INTO HIS YARD AND EATING THE KOA SEEDS, NOT SPREADING THEM, BUT CRACKING THEM IN HALF AND INGESTING THEM, SO THEY MIGHT BE SPREADING SMALLER SEEDS THAT THEIR BEAKS CAN'T BREAK AND INVADING THE FOREST, AND BREAKING SEEDS THAT WE WANT TO SEE SPREAD THROUGHOUT THE FOREST.

WHAT CAN THE AVERAGE KAUAI CITIZEN DO TO LOWER THEIR POPULATIONS?

RIGHT NOW, WE DON'T HAVE A RESPONSE PLAN AS FAR AS LOWERING THEIR POPULATIONS. WE CAN'T BE HAVING PEOPLE SHOOTING PELLET GUNS OR RIFLES IN POPULATED AREAS, SO WHAT WE HAVE DONE IS WE HAVE PULLED TOGETHER ALL THE PEOPLE WITH EXPERTISE IN THIS SUBJECT, AND ITS BECOMING AN ACUTE PROBLEM AND WE ARE FINALLY GETTING A REACTION. WE ARE GOING TO HAVE A MEETING IN A COUPLE OF WEEKS WITH THE HILO LAB TO COME UP WITH SOME WORKING DOCUMENTS HOPEFULLY OVER THE WINTER THAT WE CAN IMPLEMENT IN THE SPRING.

AND WHERE ARE THE ROOSTS?

SO THE ROSE RINGED PARAKEETS THERE A FEW ROOSTS THERES ONE IN LIHUE THERES ANOTHER ONE I'M TRYING TO REMEMBER ITS SOMEWHERE DOWN UH I CAN'T REMEMBER EXACTLY WHERE IT IS WE THINK THERES ONE IN LANAI WE THINK THERES A ROSE RINGED PARAKEET ROOST IN LANAI THERE DEFINITELY ONE IN LIHUE AND PROBABLY 2 OR 3 AREAS THAT WE DON'T KNOW ABOUT SO ONE OF THE PROPOSALS TO FIND OUT WHERE THERE ROOSTING IS TO PUT GPS COLLARS LIVE CAPTURE SOME WITH NETS UH FIX COLLARS TO THEM AND TRACK WHERE THEY FLY AND THAT'S REALLY WHAT WE NEED TO DO WE NEED TO FIND OUT ALL OF THE RESTING SPOTS SO ANY CONTROL MEASURES WILL NEED TO BE DONE AT NIGHT WHEN THEIR ALL COLLECTED TOGETHER AS I SAID BEFORE THESE BIRDS ARE EXTREMELY INTELLIGENT THEY WILL SEND IN SCOUTS WHEN THEY LOOK AT A FIELD TO PREDATED ON THEY WILL SEND 2 BIRDS IN BY THEMSELVES FLY EVERY HIGH AND SCOPE THE WHOLE AREA OUT AND IF IT LOOKS SAFE THEY WILL CALL THE REST OF THEM IN TO FEED THEY WILL TEST OUT SAY CORN TO SEE IF ITS RIPE AND IF ITS NOT THEY WON'T COME BACK OR IF IT DOESN'T HAVE THE RIGHT SUGAR CONTENT THE FRUIT THEY WON'T ACCEPT IT AND G TO A NEW AREA THERE INCREDIBLE ANIMALS AND ITS NEVER A PLEASANT THING TO CONTROL ANY OF THESE LIVING CREATURES BUT AT THE SAME TIME WHEN YOU HAVE THINGS OUT OF BALANCE WHEN THING GET COMPLETELY OUT OF BALANCE AS THEY DO MANY TIMES WITH INVASIVE SPECIES BECAUSE THERES NO PREDATORS THERES NO CHECKS AND BALANCES THEY CAN REALLY DISRUPT A LOT OF OTHER LIVING ORGANISMS THAT ARE NATIVE OR ENDEMIC OR IMBALANCE WITH THE SYSTEMS SO

FINDING THE ROOSTS IS GOING TO BE A KEY BOTH THE NESTING AREAS AND THE ROOST ARE GONNA BE KEY TO ANY KIND OF CONTROL PLAN.

AND DO YOU THINK THAT EVENTUALLY YOU WILL HAVE TO EXTERMINATE THEM COMPLETELY?

OH MAN, RIGHT TO THE POINT.

WE HAVE TO BE A LITTLE BIT CAREFUL WITH THIS TOPIC BECAUSE OF THE FERAL CAT ISSUE.

AS FAR AS ERADICATION OF THE PARROTS, WE WOULD POTENTIALLY LOOK AT RELOCATION OF THE PARROT BUT THE ROSE RINGED PARAKEET IS THE MOST INVASIVE PARAKEET IN THE WORLD. IT'S A BIG PROBLEM IN THE MIDDLE EAST AND PAKISTAN SOME AREAS IT CAN EFFECT 60-70% OF CROPS SUCH AS SUNFLOWERS UM THEY IT HAS BEEN VERY DIFFICULT TO ERADICATE THEM IN THOSE AREAS. THERE IS A NUMBER OF SPECIES OF ROSE RINGED PARAKEETS ON KAUAI UM ESPECIALLY IF WE FIND OUT IF THE PARAKEETS ARE TRANSPORTING INVASIVE SEEDS WATERSHEDS LET'S SAY MICONIA AND BANGA BANG TREES TREES SUCH AS THAT. THEN WE ARE PROBABLY GONNA HAVE TO LOOK AT UMM SOME VERY SERIOUS CONTROL EFFORTS ON THEM ERADICATION MAY NOT BE POSSIBLE BUT CONTROL IS DEFINITELY ON THE TABLE. UM IN ENGLAND THERE IS A PHD THESIS COMPLETED NOT TO LONG AGO WHERE ENGLAND HAS A VERY LARGE INFESTATION OF ROSE RING PARROTS AND THAT SHOWS THE DIFFERENT CLIMATES THAT THEY CAN INHABIT. THEY CAN GO TO TROPICAL TO TEMPERATE. THEY DETERMINE THAT TO HOLT THE SPREAD OF ROSE RINGED PARAKEETS IN ENGLAND THEY WOULD HAVE TO REMOVE 30 PERCENT OF THE POPULATION EVERY YEAR TO STOP THE POPULATION FROM INCREASING. MOST LIKELY THERE IS GOING TO HAVE TO BE SOME VERY CONSERVATIVE CONTROL EFFORTS ON THIS SPECIES.

DO YOU THINK THAT THE PUBLIC WOULD BE IN FAVOR OF CONTROL?

AS FAR AS THE PUBLIC BEING IN FAVOR OF CONTROL WE LIKE TO GET ALL OUR FACTS TOGETHER. WHAT CAN BE DONE AND CAN WE DO IT HUMANELY? WHAT ARE OUR OPTIONS? AND ONCE WE DO THAT THEN WE WILL PRESENT IT TO THE PUBLIC AND THEN WE WILL FIND OUT HOW THEY FEEL. I DO KNOW THAT THERE HAVE

	<p>BEEN SOME REQUEST FOR SAY THE FEATHERS TO USE FOR TRADITIONAL HULA. COSTUMES AND LEIS AND THAT SORT OF THING. SO THERE MIGHT BE SOME USE FOR THE CONTROLLED ANIMALS. MOST OF THE COMMENTS WE'VE BEEN GETTING IS FROM THE FARMERS BOTH LARGE FARMERS AND SMALL FARMERS. IT'S BEEN ALMOST 100% OF YOU GOT TO DO SOMETHING ABOUT THIS. JUST IN THE LAST FEW YEARS IT HAS BECOME VERY PROBLEMATIC AND AS THEY ATTRACT POTENTIALLY ATTACK THE KOA FOREST I IMAGINE THE CONSERVATION COMMUNITY THE FARMING COMMUNITY THE TOURIST INDUSTRY ARE PRETTY CONCERN WITH THIS ANIMAL.</p>
Richard Koon	<p>WHAT IS YOUR NAME AND HOW DO YOU SPELL IT?</p> <p>MY NAME IS RICHARD KOON, IT'S SPELLED RICHARD KOON</p> <p>HOW DO YOU KNOW WHAT THE BIRDS ARE?</p> <p>I THINK ACTUALLY YOU TOLD ME THAT THE BIRDS ARE PARAKEETS FOR SURE WHICH I PROBABLY READ AT SOME POINT AND I HAVE BEEN INTERESTED IN THEM FOR A FEW YEARS BUT I HAVEN'T INVESTIGATED THEM MUCH.</p> <p>WHAT IMPACTS DO THEY HAVE ON YOU?</p> <p>I APPRECIATE THEM JUST FOR THEIR BEAUTY, BUT APPARENTLY, THEY CAN BE QUITE DESTRUCTIVE</p> <p>HOW WOULD YOU FEEL ABOUT THEIR POPULATIONS BEING CONTROLLED?</p> <p>I THINK AT SOME POINT THEIR POPULATIONS MAY NEED TO BE CONTROLLED.</p> <p>HOW WOULD IT MAKE YOU FEEL?</p> <p>NO BUT IT WOULD DEPEND ON HOW THEY WOULD CONTROL THAT POPULATION.</p> <p>WHY DO YOU THINK THEIR POPULATION WOULD NEED TO BE CONTROLLED?</p>

	<p>I THINK THAT THEIR POPULATIONS WOULD NEED TO BE CONTROLLED BECAUSE THEY SEEM TO BE SPREADING SO QUICKLY OR THEY BREED SO QUICKLY. THERE SEEM TO BE A LOT MORE NOW THAN JUST A COUPLE OF YEARS AGO.</p>
Derek Kawakami	<p>WHAT IS YOUR NAME AND HOW DO YOU SPELL IT?</p> <p>HI THERE MY NAME IS DEREK KAWAKAMI AND YOU SPELL IT DEREK KAWAKAMI.</p> <p>AND WHAT KIND OF PROBLEMS OR THE PARAKEETS CAUSING?</p> <p>WELL THIS ROSE-RINGED PARAKEET IS PRESENT IN THIRTY-FIVE COUNTRIES ON FIVE CONTINENTS AND THE UNITED STATES IT'S U WELL ESTABLISHED IN FLORIDA, SOUTHERN CALIFORNIA AND RIGHT HERE ON THE HOME KAUA'I ALTHOUGH THE POPULATION IN FLORIDA IS THE ONLY ONE THAT IS ESTABLISHED PROBLEMS THAT THERE CAUSING IS THEY CREATE EXTENSIVE CROP DAMAGE MAINLY TO SEED AND TO FRUIT GROWERS THERE VERY VORACIOUS CREATURES AND THEY'VE DONE A LOT OF CRO- CROP DAMAGE AND JUST RECENTLY WE BEEN RECEIVING A LOT OF COMPLAINTS FROM LYCEE FARMERS</p> <p>AND WHAT ARE YOU TRYING TO DO TO FIX THE PROBLEM?</p> <p>I GUESS SOME OF THE THINGS THAT WERE TRYING TO DO TO FIX THE PROBLEM AND I CAN SPEAK ON MY EXPERIENCE ON BEING ONE OF TWO APPOINTED HOUSE MEMBERS ON THE HAWAII INVASIVE SPECIES COUNCIL IS WE'RE ONE WE'RE TRYING TO STUDY THEIR BEHAVIOR ONE WE FOUND OUT THAT THEY LIKE TO ROOST IN THE ROYAL PALM AND BECAUSE THE ROYAL PALM IS PRESENT IN A LOT OF URBAN IN FACT RIGHT IN KUKUI GROVE IS A ROOSTING SITE THERE'S A LOT OF ISSUES THAT WE'RE FACED WITH ON TRYING TO MOVE THE POPULATION OUT FROM URBAN AREAS SO ONE OF THE THOUGHTS THAT CAME OUT FROM ONE OF THE THINK TANKS WAS TO KIND OF WORK WITH SOME OF PRIVATE LANDOWNERS SO THAT WE CAN COVER SOME OF THE AREAS IN THE ROYAL PALM THAT THEY ARE ROOSTING IN AND TO KIND OF MOVE ROYAL PALMS INTO AGRICULTURAL AREAS AWAY FROM DENSELY POPULATED AREAS.</p>



AND WHAT KIND OF LEGAL MEASURES ARE YOU TAKING?

I THINK THE FIRST LEGAL MEASURE IS WORKING WITH THE HAWAII INVASIVE SPECIES COUNCIL, I DO KNOW THAT THEY ARE RECENTLY PUT ON THE INVASIVE SPECIES LIST. I THINK ONE OF THE BIGGEST THINGS THAT THE LEGISLATURE CAN DO AND THAT IS PART OF OUR JOB IS TO ALLOCATE THE APPROPRIATE RESOURCES TO DEAL WITH THE PROBLEM, I KNOW THAT THERE IS A LOT OF STUDYING THAT NEEDS TO BE GOING ON, SO WHEN IT COMES TO MONEY AS FAR AS A POLICY, IS JUST BASICALLY SUPPORTING THE FUNDING OF WHOLE INVASIVE SPECIES COUNCIL DEPARTMENT OF AG AND WORKING WITH OTHER PARTNERS.

AND DO THEY POSE ANY OTHER PROBLEM OTHER THAN TO THE FARMERS?

THEY DO THEY ABSOLUTELY DO RIGHT NOW THE STATE IS INVESTING A LOT OF MONEY, MILLIONS OF DOLLARS TO RESTORE OUR WATERSHEDS AND ITS THROUGH GOVERNOR ABERCROMBIE'S RAIN FOLLOWS THE FOREST PROGRAM AND WHAT WE BEEN FINDING IS THAT THESE PARAKEETS ARE BRINGING IN THESE INVASIVE SPECIES INTO THESE WATERSHED AREAS THAT WE'RE TRYING TO DO PROTECTION SO TAKE FOR EXAMPLE THEY FOUND ALBEISA SEEDS THAT IS HIGHLY INVASIVE IN AREAS THAT WE'RE TRYING TO PROTECT EXTENSIVELY

AND DO YOU HAVE ANYTHING ELSE TO ADD?

I JUST WOULD LIKE TO SAY THANK YOU FOR THE OPPORTUNITY TO TALK TO YOU FOLKS TODAY. IT'S GOING TO BE AN ONGOING PROBLEM. I KNOW IT CAN BE CONTROVERSIAL BUT FOR ANYBODY THAT WANTS TO KNOW THEY HAVE DONE EXTENSIVE CROP DAMAGE THEIR POPULATION IS SPREADING TO AREAS THAT THEY USUALLY WOULDN'T VENTURE OUT INTO AND AS FAR AS THE DAMAGE POSE TO THE PUBLIC HEALTH AND SAFETY AS FAR THE ENVIRONMENTAL COST AND ECONOMICAL COST I THINK THAT WE NEED TO ADDRESS IMMEDIATELY THANK YOU.

AV LOG - Remember to separate every writing element by rows. Please follow formatting guidelines.

CAPITALIZE

NAT SOUNDS, INTERVIEWS

Upper/Lowercase

Reporter Track (VO)

## Five Step Outline

1. **The Rose-Ringed Parakeet is a highly invasive parakeet.**

2. The parakeets pose a huge problem to fruit trees.
3. They also may pose huge environmental problems.
4. Their populations have been rapidly rising.
5. Control efforts may need to be made against the birds.

AUDIO	VIDEO
BIRDS CHIRPING	Sequence of birds.
Stand Up: As dawn arrives on the island of kauai, thousands of small Ring-Rosed Parakeets depart from their roosts.	Sequence of birds waking up and flying away
<b>Bill Lacey: THE ROSE-RINGED PARAKEETS ARE A BIRD THAT'S BEEN ON KAUAI FOR A WHILE AND THEY'RE A SMALL GREEN BIRD AND MOST PEOPLE HAVE SEEN THEM FLYING AROUND DURING DUSK.</b>	Lower Third: Bill Lacey  Video of birds flocking around at dusk.
<b>Derek Kawakami: WELL THIS ROSE-RINGED PARAKEET IS PRESENT IN THIRTY-FIVE COUNTRIES ON FIVE CONTINENTS AND THE UNITED STATES IT'S UH WELL ESTABLISHED IN FLORIDA, SOUTHERN CALIFORNIA AND RIGHT HERE ON THE HOME KAUAI</b>	Lower Third: Derek Kawakami
V.O.: AND THAT SMALL LITTLE PARAKEET HAS BEEN CAUSING SOME HUGE PROBLEMS.	Video of the parakeets
<b>Derek Kawakami: PROBLEMS THAT THERE CAUSING IS THEY CREATE EXTENSIVE CROP DAMAGE MAINLY TO SEED AND TO FRUIT GROWERS THERE VERY VORACIOUS CREATURES AND THEY'VE DONE A LOT OF CROP DAMAGE</b>	Lower Third Richard Koon  Video of Richard taking pictures
<b>Bill Lacey: THE IMPACTS THAT THE ROSE-RINGED PARAKEETS HAVE BEEN SHOWING RECENTLY ARE THEY HAVE BEEN PREYING ON LYCHEE TREES PAPAYA FARMS. THEY'VE BEEN A PROBLEM ON SOME OF THE CORN CROPS FOR A NUMBER OF YEARS</b>	Video of the parakeets  Video of the Lychee Trees  Video of corn crops
<b>Bill Lacey: AS THEY POTENTIALLY ATTACK THE KOA FOREST I IMAGINE THE CONSERVATION COMMUNITY THE FARMING COMMUNITY THE TOURIST INDUSTRY ARE PRETTY CONCERNED WITH THIS ANIMAL.</b>	Video of the koa trees.

<p>Bill Lacey: THERES AN INDIVIDUAL THAT GROWS A LOT OF KOA FOR REFORESTATION AND THE PARAKEETS HAVE BEEN GOING INTO HIS YARD AND EATING THE KOA SEEDS, NOT SPREADING THEM, BUT CRACKING THEM IN HALF AND INGESTING THEM,</p>	<p>Video of Koa tree seeds.</p>
<p>Bill Lacey: KOA TREES ARE THE TYPE OF TREES THAT WE ARE TRYING TO REESTABLISH AND TRYING TO RE-ESTABLISH THE NATIVE SPECIES WHICH BRINGS BACK THE NATIVE BIRDS AND THE ENDANGERED SPECIES.</p>	<p>Video of Koa Trees</p>
<p>Derek Kawakami: RIGHT NOW THE STATE IS INVESTING A LOT OF MONEY, MILLIONS OF DOLLARS TO RESTORE OUR WATERSHEDS AND ITS THROUGH GOVERNOR ABERCROMBIE'S RAIN FOLLOWS THE FOREST PROGRAM AND WHAT WE BEEN FINDING IS THAT THESE PARAKEETS ARE BRINGING IN THESE INVASIVE SPECIES INTO THESE WATERSHEDS</p>	<p>Video of the parakeets.</p>
<p>V.O.: The problems they posed grew with their population.</p>	<p>Video of the birds</p>
<p>Bill Lacey: FROM THE NINETEEN SIXTIES TO THE NINETEEN EIGHTIES THERE REALLY WEREN'T THAT MANY.MAYBE FIFTY, THAN A HUNDRED, THEN A COUPLE HUNDRED. THERE WAS SOME WORK DONE IN TWO THOUSAND ELEVEN TO TRY AND ESTIMATE THE POPULATION BY WILDLIFE SERVICES, BY USDA WILDLIFE SERVICES, AND THEY ESTIMATED THE POPULATION AROUND TWO THOUSAND ROSE RINGED PARAKEETS.</p>	<p>Video of a couple birds</p> <p>Video of a lot of birds</p>
<p>Bill Lacey: IT APPEARS THAT THEY ARE MOVING INTO A "J" CURVE MOST POPULATIONS WILL CONTINUE TO GROW UNTIL THEY REACH A CRITICAL BREEDING MASS OR THEY REACH ENVIRONMENTAL CONDITIONS, WATER TEMPERATURE REACH A GOOD STAGE AND THEN THEY JUST TAKE OFF. I THINK THAT WE ARE AT THE EARLY STAGES OF THE "J" CURVE AND WE ARE GOING TO SEE A LOT MORE OF THEM SO THAT'S WHY WE ARE FORMING A WORKING GROUP TO DEAL WITH THE SITUATION.</p>	

<p>Richard Koon: I THINK THAT THEIR POPULATIONS WOULD NEED TO BE CONTROLLED BECAUSE THEY SEEM TO BE SPREADING SO QUICKLY OR THEY BREED SO QUICKLY.</p>	<p>Lower Third- Richard Koon</p>
<p>Bill Lacey: AS FAR AS THE PUBLIC BEING IN FAVOR OF CONTROL WE LIKE TO GET ALL OUR FACTS TOGETHER. WHAT CAN BE DONE AND CAN WE DO IT HUMANELY? WHAT ARE OUR OPTIONS? AND ONCE WE DO THAT THEN WE WILL PRESENT IT TO THE PUBLIC AND THEN WE WILL FIND OUT HOW THEY FEEL.</p>	<p>Video of people walking</p>
<p>Bill Lacey: MOST OF THE COMMENTS WE'VE BEEN GETTING IS FROM THE FARMERS BOTH LARGE FARMERS AND SMALL FARMERS. IT'S BEEN ALMOST 100% OF YOU GOT TO DO SOMETHING ABOUT THIS. JUST IN THE LAST FEW YEARS IT HAS BECOME VERY PROBLEMATIC.</p>	<p>Video of birds</p>
<p>Stand Up: These small birds have started to cause huge problems, and because the problem will only get worse, people are starting to take action, for CKTV News, this has been Ben Brady, reporting</p>	<p>Standup</p>