CORBAN PRUTHAB

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WEDE5020 POE PART 1

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iii) Not much people could name different types of cranes but if there was one type of crane you had to know it would be the WHOOPING CRANE. The whooping crane is the tallest North American bird, named for it’s whooping sound. By the year 2003 the whooping crane had been listed as endangered under federal Species , the primary reasons are habitat loss and past rampant , unregulated hunting for their meat and feathers. The total number of cranes in the surviving migratory population, now exceeds 800 birds.

My purpose to have this Non Profit Orginisation would be to help protect the Whooping Cranes from the cruel hunting for their feathers and meat, then try replicate their habitat to make the whooping cranes feel like they are in their natural habitats and make it easy for them to adapt. The for this would be to prevent cruelty and treat the cranes if they had been endangered. The main point would be that we can attract students to learn about these beautiful creatures and so we can teach them how to really treat animals. This would bring in an awareness for not only the Whooping Cranes but for all animals in general.

The aim would be is to help save as much whooping cranes as possible and help treat them so we can release them into a much more safer environment. My focus would be to raise awareness for the hunting, as these animals are being close to extinct for their feathers and meat for human satisfaction.

Allowing students and especially the public come to see the cranes will let them see how beautiful the creatures are but how important it is to take care of animals aswell as not to take advantage of them

iv) images were downloaded from <https://pluspng.com/wetland-png-hd-8103.html>

information on the whooping crane was from Wikipedia <https://en.wikipedia.org/wiki/Whooping_crane>

information on non profit organizations were from Wikipedia <https://en.wikipedia.org/wiki/Nonprofit_organization>

v) RESEARCH AND MONITORING page

Population surveys: Regular population surveys are conducted to estimate the number of whooping cranes in the wild. These surveys are typically conducted from the air, using planes or helicopters, and on the ground by researchers who track individual birds.

Tracking: Individual whooping cranes are fitted with radio transmitters or GPS tags to monitor their movements and behavior. This information can help researchers understand important aspects of the bird's life cycle, such as migration patterns, nesting sites, and feeding habits.Habitat assessment: Researchers regularly assess the quality and availability of the habitat that whooping cranes rely on, including wetlands, grasslands, and other important areas. This information can help guide conservation efforts and inform land management decisions.

Disease monitoring: Whooping cranes are vulnerable to a number of diseases, including avian influenza and West Nile virus. Researchers monitor the health of the birds and track any outbreaks of disease.Genetics research: Genetic research is being conducted to better understand the genetic diversity and population structure of whooping cranes. This information can help guide conservation efforts and inform breeding programs.

(EDUCATION AND OUTREACH page)

Students can study the habitat of the whooping crane and its importance in the bird's survival. This could include research on the types of wetlands where the whooping crane lives, the food sources available in those habitats, and the potential threats to the bird's habitat.

Whooping Crane Migration TrackingStudents can learn about the migratory patterns of the whooping crane by tracking the birds' movements using online tools, such as Journey North or eBird. This could include discussing the different routes that the birds take to reach their breeding and wintering grounds, the challenges they face during migration, and how conservation efforts can help to protect their habitat along the way.

Whooping Crane Art Project

Students can create art projects that depict the whooping crane and its habitat. This could include painting or drawing pictures of the bird, creating a diorama of a wetland habitat, or making a sculpture of a whooping crane. These art projects can help to engage students' creativity and inspire them to learn more about the bird and its conservation needs.

Whooping Crane Conservation Fundraiser

Students can organize a fundraiser to support conservation efforts for the whooping crane. This could include a bake sale, a car wash, or a charity run/walk event. The funds raised can be donated to organizations working to protect the bird's habitat or to support research and education initiatives.

(Conservation Of Habitat)

To conserve the habitat of the whooping crane, several measures can be taken. One approach is to protect and restore wetland areas. This can involve working with landowners to encourage them to maintain wetlands on their property or to restore wetlands that have been drained or altered. The protection of wetland areas can also be achieved through legislation, such as the Clean Water Act, which regulates the discharge of pollutants into wetlands.

Another approach is to establish protected areas for the whooping crane. This can include creating national parks or wildlife refuges that are specifically designed to protect the habitat of the whooping crane. These protected areas can also provide opportunities for research and education, which can help to increase public awareness of the importance of wetlands and the conservation of the whooping crane.

In addition to protecting and restoring wetlands, efforts can also be made to manage the surrounding land use. This can involve working with farmers and other landowners to implement sustainable agricultural practices that minimize the impact on wetlands and other natural areas.

Overall, the conservation of the habitat of the whooping crane requires a multifaceted approach that includes protection and restoration of wetlands, establishment of protected areas, and management of surrounding land use. By working together, we can help to ensure the survival of this critically endangered species for future generations.

(Breeding and Reintroduction)

Breeding and reintroduction programs are important for the conservation of the whooping crane, which is a critically endangered species. Here are some steps involved in breeding and introduction programs for whooping cranes:

Captive Breeding

One approach to increase the population of whooping cranes is captive breeding. This involves breeding whooping cranes in captivity, with the goal of releasing their offspring into the wild. Captive breeding programs typically involve carefully selecting breeding pairs based on genetic diversity and compatibility.

Artificial Incubation

Whooping crane eggs can be artificially incubated to improve the chances of hatching. Eggs are typically collected from nests in the wild or from captive breeding pairs. The eggs are then incubated in an environment that mimics the conditions of a whooping crane nest, such as temperature, humidity, and turning of the eggs.

Hand Rearing

Once the eggs hatch, the chicks can be hand-reared by humans. This involves providing them with food, water, and shelter until they are old enough to be released into the wild. Hand-rearing can help to improve the survival rate of young whooping cranes, which are vulnerable to predation and other threats in the wild.

Release and Monitoring

After the chicks have been hand-reared, they are typically released into the wild in carefully selected habitats. Monitoring programs are then implemented to track the released birds and evaluate their success in the wild. This can involve tracking the birds using radio transmitters or satellite tracking devices, as well as monitoring their behavior, health, and reproductive success.

vi) references

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PART 2

b)

more detail to the images inserted and more understanding information was added aswell as a breakdown to funding and activities to give supporters an understanding of the purpose to the organization. Each page of the website was given its own allocated section to give the supporters reasons and the cause for the organizations. I hade to change the background of the pages so the font could stand out so the person reading it to see. Created and added a donation bar for supporters if they want to fund the organization.

PART 3

1. Changed the colour of the background. Changing of font was made , added a new logo ,added new images and created new headings for the pages then the links to new pages containing more information, a contact page was added so the organization can stay in contact with the supporters fine changes was made to the donation bar and about us tab , I then created a part in the donation tab that allows your donation go up in 10’s to make in easier for the supporter instead of typing the number . more information was added to the environment of the whooping crane tab .

Functionality:

I had created the website for easy access , easy for all age groups to access and use. the layout is easy to find what you looking for such as information on the birds and organization . the website has everything you looking for information based I created the contact us tab so we an keep in contact with our supporters this creates communication between the people and the foundation.

SEO:

Making visible changes was the main focus on my website as I wanted show an improvement as in the pages, images, information and the backgrounds. Making those changes helped the website to appear better and function better but having a different background for some pages created an effect on the mage as it matched the theme for example my habitat page it matched the scene. I made a logo that was decent size to fit on the home page to stand out and show a brand for the foundation, I then created a about us part on the page to inform people what we are about .