



# Chicago Nat re and Wildlife Plan

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#### PREPARED AND PUBLISHED BY

Chicago Department of Planning and De elopment and a\_or Dale\_s Nat re and Wildlife Committee

Department of Planning and De elopment
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ppro ed b\_ Chicago Plan Commission on ebr ar\_ , dopted b\_ the Chicago Park District on pril , Approved by the Cook Co nt\_ orest Preserve District's oard of Commissioners on July 11, 2006.

Nature is an integral and important part of Chicago's fabric and in that spirit I am proud to present this plan to help improve and increase habitats for nature and wildlife across the city.

Based on an inventory of city land, the Chicago Nature and Wildlife Plan identifies over 4,800 acres of prairies, savannas, dunes, woodlands, wetlands and potential restoration areas at 100 sites throughout Chicago. The plan lays out a framework to protect and expand these individual sites as well as the whole landscapes they belong to. It also suggests methods to make our environment friendlier to plants and animals native to northeastern Illinois.

One of the important roles Chicago plays for nature and wildlife is for birds. Endangered species breed in the wetlands of the Calumet Open Space Reserve and along the North Branch of the Chicago River. It is estimated that seven million birds migrate through and stop in Chicago each year. This plan enhances their chance of survival.

The Plan was prepared by the City of Chicago Department of Planning and Development and the Mayor's Nature and Wildlife Committee with support from over thirty conservation organizations. These citizen groups will also play an important role in the Plan's implementation, particularly in the areas of monitoring, research, education and coordination of volunteers. With approval by the Chicago Plan Commission, the Chicago Nature and Wildlife Plan will become a formal planning and development initiative. It is one important step along the path toward making our city a place where people and nature live in harmony.



Chicagos nat ral en ironment is isible thro gho t the cit\_ ho\_ $\sqrt{r}$ e er the b lk of the rban areas nat ral assets are cl stered into se eral distinct areas

	Lake ichigan	Chicago Ri er	Lake Cal met	Des Plaines Ri er	
VARIED AND SIZEABLE HABITAT CLUSTERS	ordered for miles b_ p blic open spaces incl ding o er , acres of parkland, beaches, nat ral areas and harbors	of forest preser es, acres of parkland and nat ral areas,		logs for one mile within the cit_limits throgh , acres of forest preser es	

S a \_g a
T ad\_i\_ if La d ca e
Ci e a i\_

ore than a cent  $r_ago$ ,  $t_a$ o progressi e landscape gardeners began e perimenting ith the se of nati e plants in Chicago In the late s, ssian Cole Simonds began sing transplanted nati e shr bs and trees at Graceland Cemeter\_ and, in , Jens Jensen designed one of North mericas first p blic nati e plant gardens in nion Park heir efforts led to the creation of a Prairie St\_le of landscape architect re oda\_, Jensen is considered one of the most infl ential fo nders of the conser ation mo ement in the  $id_{\overline{W}}$  est. In addition to his nprecedented se of id\_estern plants for his man\_ pri atel\_ commissioned pro ects,

he infl enced the establishment of the orest Preser e District of Cook Co nt\_ and he ad ocated protection efforts at Illinois each State Park and the Indiana D nes disciple of Jensens, Ifred Cald ell, sed nat ral landscapes ith his earl th cent r\_ designs for lakefront attractions like Promontor\_ Point and Lincoln Park sontrose Point and the Lil\_ Pool that no bears his name

»	orest Woodland	atic	Wetland	Riparian Water dge	
VPES WITHIN CITY LIMIT	1,772 acres  n area possessing  more than percent  tree co er	permanentl_vet area with rooted plants growing near the shore	n area sat rated ith attention in a sat rated ith attention it is a sat rated ith attention it is a sat rated ith attention it is a sat rated ith attention in a sat rated it is a sat rated it	290 acres  transitional area  bet_een dr_and_et en ironments	

## C cagi Ti da

he amo nt of cit\_ land that can be characteri ed as nat ral habitat as antified in as part of a Chicago abitat In entor\_ pro ect cond cted b\_ the Chicago Department of Planning and De elopment (DPD) thro gh a grant from the SD orest Ser ice

DPD staff sed mapping tools, aerial imager, on-site isits and pre io s in entor\_st dies to estimate total habitat space ithin the cit\_ he st d\_ indicated that appro imatel\_, of the , acres ithin the cit\_ limits ser es as habitat dditionall, abo t acres ha e been identified for habitat restoration hese acreages are distrib ted among indi id al sites that are predominantl\_ located along the Chicago Ri er and on the shorelines of Lake ichigan and Lake Cal met

ho gh nat ral habitat comprises less than three percent of the entire cit\_ area, all basic t\_pes of northeastern Illinois nat ral areas are represented tihin Chicago, partic larl forests, a atics and telands he areas pro ide habitat for more than species of mammals, birds, reptiles, amphibians and fish

Nat ral habitats ithin Chicago are, in some cases, contin ations of m ch larger landscapes that e ist o tside the cit\_ limits Nat ral lands in Cook Co nt\_ and the co nties s rro nding it are referred to as Chicago Wilderness b\_ a coalition of conser ation agencies and organi ations that collaborate on protecting the areas nat ral reso rces he term refers both to the landscape and to the coalition itself, more formall\_ kno\_ n as the Chicago Region iodi ersit\_ Co ncil Nat ral land and restorable open space in the Chicago area totals more than , acres, incl ding one of the orld s richest concentrations of prairies and oak oodlands

In , the Chicago Region iodi ersit\_
Co ncil p blished the Chicago Wilderne
Biodi er i Plan ne of the ke\_ recommendations of the doc ment as for local
m nicipalities to de elop policies that
reflect the need to restore and maintain
biodi ersit\_ he Chicago Na. re and Wildlife
Plan ser es to f Ifill this recommendation



O1
Pi ec a a in the cir. e eral etho are o tline, incl. ing effor to.

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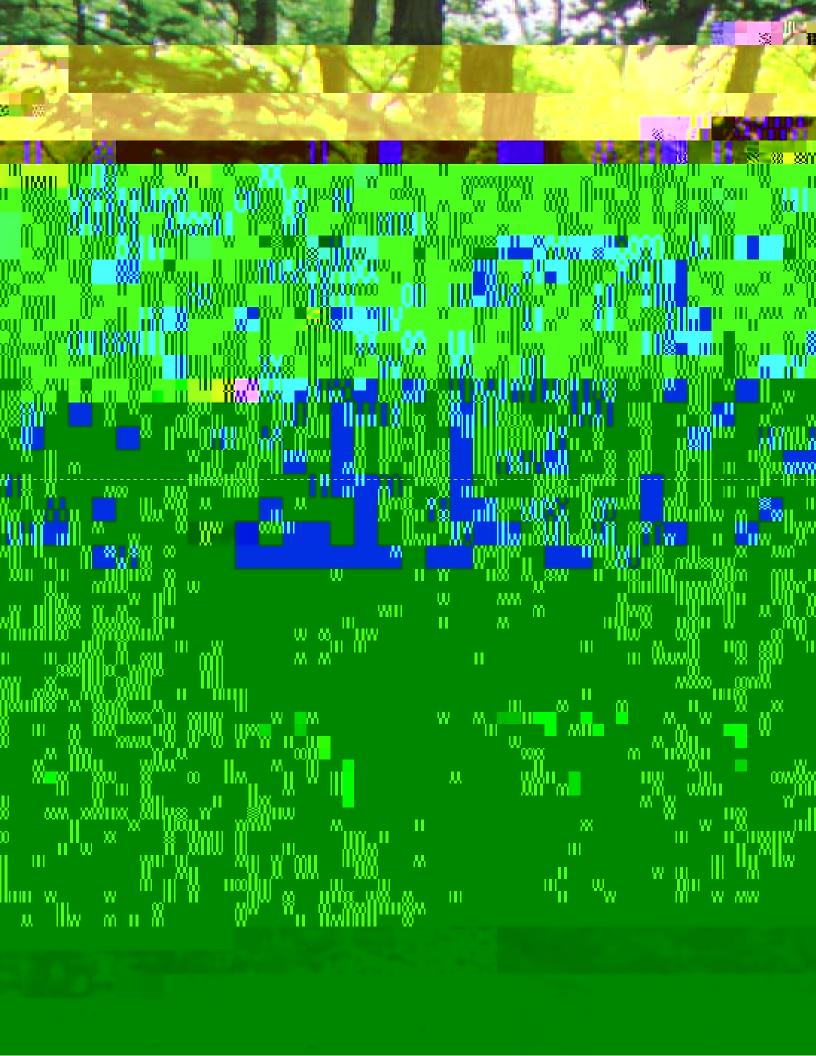


- Prod ce baseline in entories of all e isting nat ral areas and of all sites slated to ndergo restoration
- » Set p programs for all endangered and threatened species to monitor hopopolations are faring no and o er the long term
- » Compile a list of research needs

O4 Ed ça e 'é b ç s he lan call for i e inaring ef linfor arion aborrhe role of habirar ire an here the are locate s he lan inclerence en arion to



- $\,\,$   $\,$  Increase p blic a areness of the importance of biodi ersit conser ation to the en ironment
- » Coordinate partner organi ations to foc s on specific goals in the

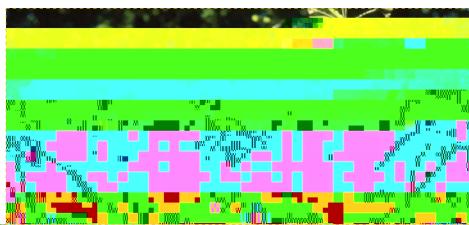


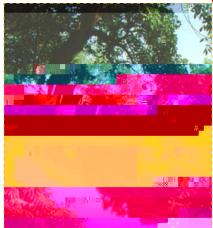
#### **Immediate**

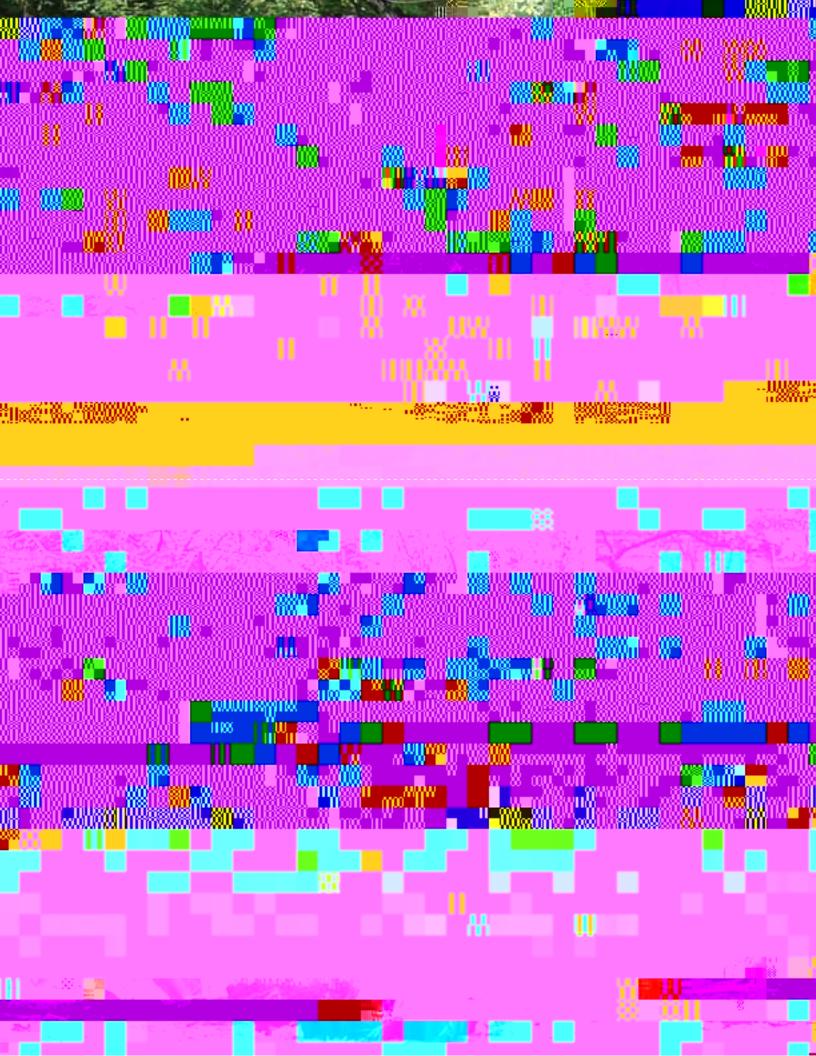
he Cit\_ of Chicagos ne\_ oning designation for p blic open space (P S- ) sho Id be applied to habitat sites to pre ent their rede elopment for other ses Site o\_ners, most notabl\_ the Chicago Park District, the orest Preser e District of Cook Co nt\_ and the Illinois Department of Nat ral Reso rces, sho Id adopt resol tions or other agreements that designate and preser e the nat ral area habitats ithin Chicago that the\_ o\_n Nat ral areas that these agencies do not o\_n sho Id be ac ired or leased he State of Illinois Land and Water Reser e designation sho Id also be applied to select parcels to f rther reinforce their roles in s pport of ildlife

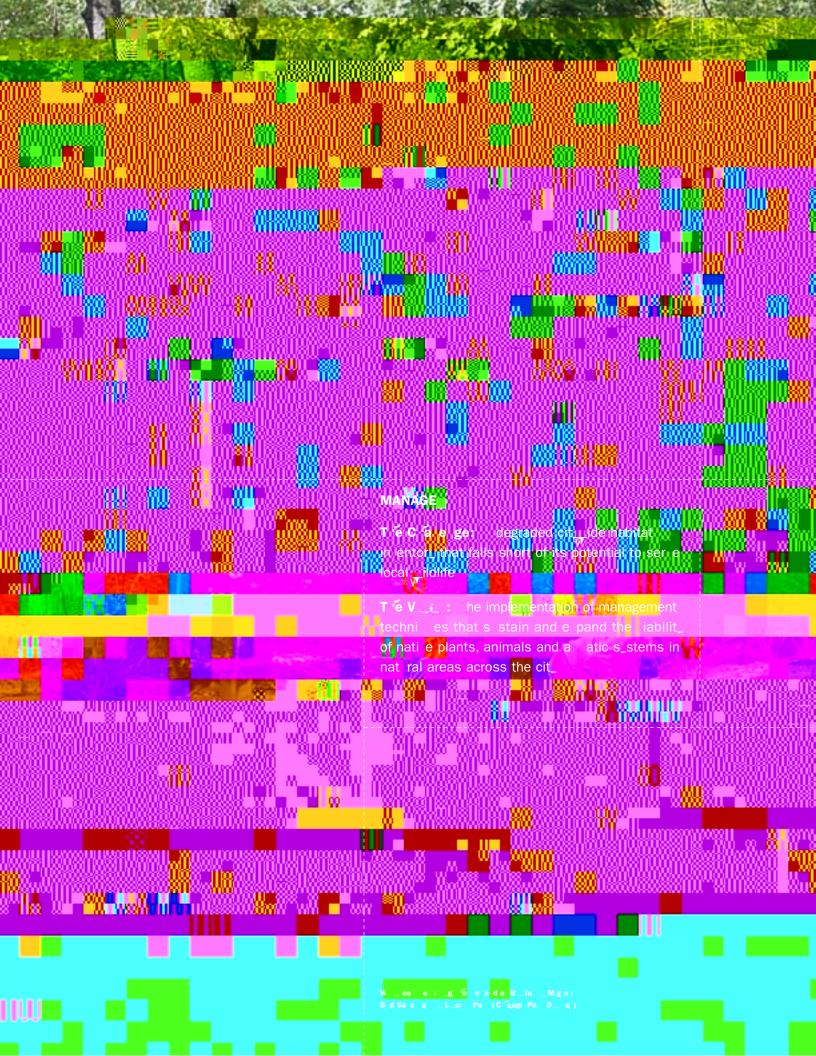
## Within \_ears

- » c ire nprotected nat ral areas in the Cal met pen Space Reser e and along the \_\_estern edge of Rosehill Cemeter\_
- » mend the cit\_s -foot ri er setback re irement and the Chicago Ri er Corridor Design G idelines to re ire a nat rali ed ri erbank nhere er possible
- » Promote riparian areas along the Chicago Ri er thro gh shoreline enhancements, specificall\_ at Wolf Point, the North, So th and Di erse\_ t rning basins, at the West ork Remnant, along the North ranch and sections of the Chicago Sanitar\_ and Ship Canal
- » Reestablish in-stream habitats b\_ prohibiting the se of motori ed essels along the pper North ranch, North ranch Canal, bbl\_ Creek, Collateral Channel and certain pri ate slips
- » Increase the n mber of areas along the lakefront here the primar se is nat ral habitat and recreate d nes and tellands in these areas









isting management plans for habitat sites sho Id be implemented hile priorities, goals and plans for other habitat locations are de eloped thro gh a collaboration of landoners, ol nteers, comm nit\_members and ci ic organi ations anagement acti ities sho Id be coordinated here possible, especiall here se eral sites are in close pro imit\_ to each other, s ch as aro nd Lake Cal met and along the North ranch of the Chicago Ri er

- » Implement e isting management plans for the largest, high alit\_nat ral areas, s ch as Po\_derhorn arsh, Sa ganash Prairie, nker ill Prairie and dgebrook lat\_oods
- » Implement sol tions to fish migration impediments ca sed b\_ the North ranch Dam and Chicago Lock
- » tili e the Cal met rea cological anagement Strateg\_ as a model for etland restoration across the cit\_
- » tili e recommendations in the Chicago Ri er aster Plan to impro e habitat in and along the Chicago Ri er
- » Increase and impro e garbage pick- p at beaches to disco rage e cessi e g II pop lations that contrib te to poor ater alit\_
- » se the cit\_s b ilt infrastr ct re to impro e biodi ersit\_where possible and enco rage architects to create designs that are safe for birds and other while including the contract of the
- » ns re that so rces for local seeds and plants are in place from s ppliers, of nteer growers or a seed-sharing network lso participate in and help p blici e plant gi eawa\_s to comm nit\_gro ps

- elp non-profit organi ations contin e to ork ith oners of p blic nat ral areas that do not ha e conser ation as a part of their missions
- » P blish management training man als for ol nteers thro gh the cooperation of he Nat re Conser anc., Chicago Wilderness, penlands Pro ect, Chicago Park District, orest Preser e District of Cook Co nt., and other appropriate partners
- » Increase participation in Clean ir Co nts o sehold program and penlands Pro ects Neighborhood pen Space Planning and ack\_ard iodi ersit\_ programs
- » nco rage o ners of pri ate b ildings to install green roofs, bat bo es, nesting poles, nesting pads, artificial chimne\_s and other str ct res sed b\_ ario s species for nesting p rposes
- » nco rage o ners of p blic b ildings that are commonl sed b birds, s ch as bridge ho ses and beach str ct res, to maintain and design them in as that are cond ci e to nesting
- » In estigate the reintrod ction of appropriate species to s itable ater and lands

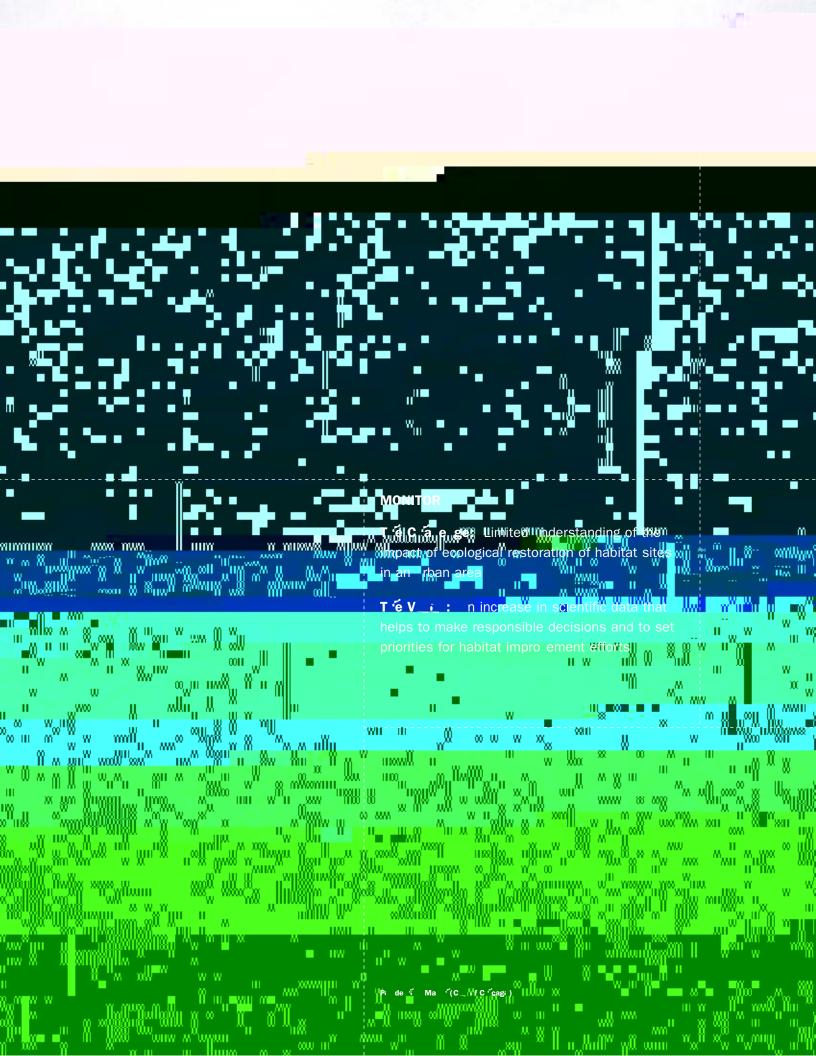
- » Look for a\_s to enco rage lando ners ad acent to nat ral areas, both p blic and pri ate, to se nat ral landscaping
- » stablish en ironmental s pport teams that can help select plants, disconnect do nspo ts and perform pro ects related to impro ing biodi ersit\_
- » ns re the iabilit\_ of local so rces sed for the translocation of nati e species, s ch as b tterflies and frogs, b\_ coordinating \_\_\_\_ith go ernment a thorities to create a stocking program or thro gh other means
- » plore va\_s to red ce the negati e effects of Chicago s ambient light on noct rnal animals and insects
- » Consider meas res that disco rage local acti ities that red ce biodi ersit\_ in other parts of the orld, s ch as an ordinance that prohibits the se of rainforest hard oods or other imported materials that aren t s stainable

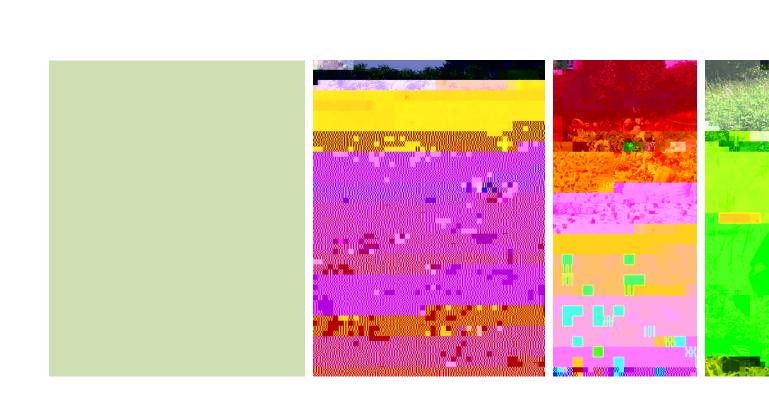
- » La nch a cit ide campaign foc sed on ho neso ners can impro e the ca se of biodi ersit
- » Create a program to identif\_ plant and seed so rces so b \_ers kno\_ if the\_ are local
- » Consider ho architects and de elopers can be enco raged to e plore b ilding designs that are cond ci e to biodi ersit and ildlife
- » pand local so rces for rain barrels, nati e plants and other materials necessar\_ for the s ccess of management pro ects
- » nco rage efforts to create, restore and manage landscape and habitat to benefit migrator\_ and nesting birds of conser ation concern\_ ith ke\_ lando\_ ners

Long- erm

o increase the n mber of ol nteers that help perform management acti ities at habitat sites, opport nities and responsibilities sho ld be comm nicated thro ghe panded on-site signage, mailings, broch res, orkshops, the Internet and neighborhood e ents, especiallnear areas most in need of management assistance raining acti ities offered from separate organi ations sho ld be coordinated and ol nteers sho ld be recognied for their accomplishments

or ol nteers

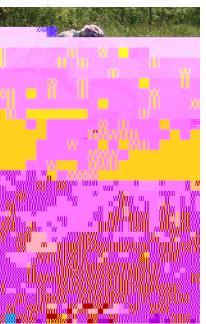


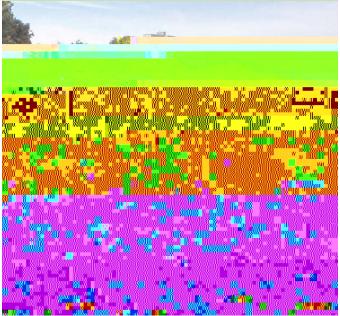


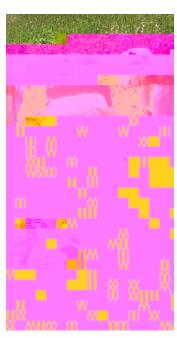
- » Participate in regional, national and international st dies, s ch as monitoring species or gro ps of animals that are not endangered or threatened b t s b ect to global concern
- » Determine ho poll tants in and aro nd Lake Cal met impact birds that feed in the area
- » Research ho ater and se age treatment processes co ld better benefit wildlife, partic larl shorebirds
- » plore ho restoration efforts benefit migrator\_birds
- Compare how isolated nat ral areas compare ith those near a cl ster of small sites like pri ate ards and school habitat gardens
- » Determine habitat si e re irements for certain targeted animal species

- » Determine risks to the genetics of nati e plants  $_{\overline{W}}$  hen seeds and plants from other areas are introd ced
- » Determine  $\sqrt{}$  hat effect nat ral areas ha e on n isance species and ice ersa
- » St d\_ho<sub>\mathbf{W}</sub> se b\_ people and domesticated animals affects the biodi ersit\_ of selected nat ral areas
- » St d\_ the relationship bet\_een co\_otes and diminishing pop lations of n isance species
- » Determine ho \_\_\_ater\_\_a\_ sediments can be safel\_ remediated
- » ssess the kno\_ledge and attit des of

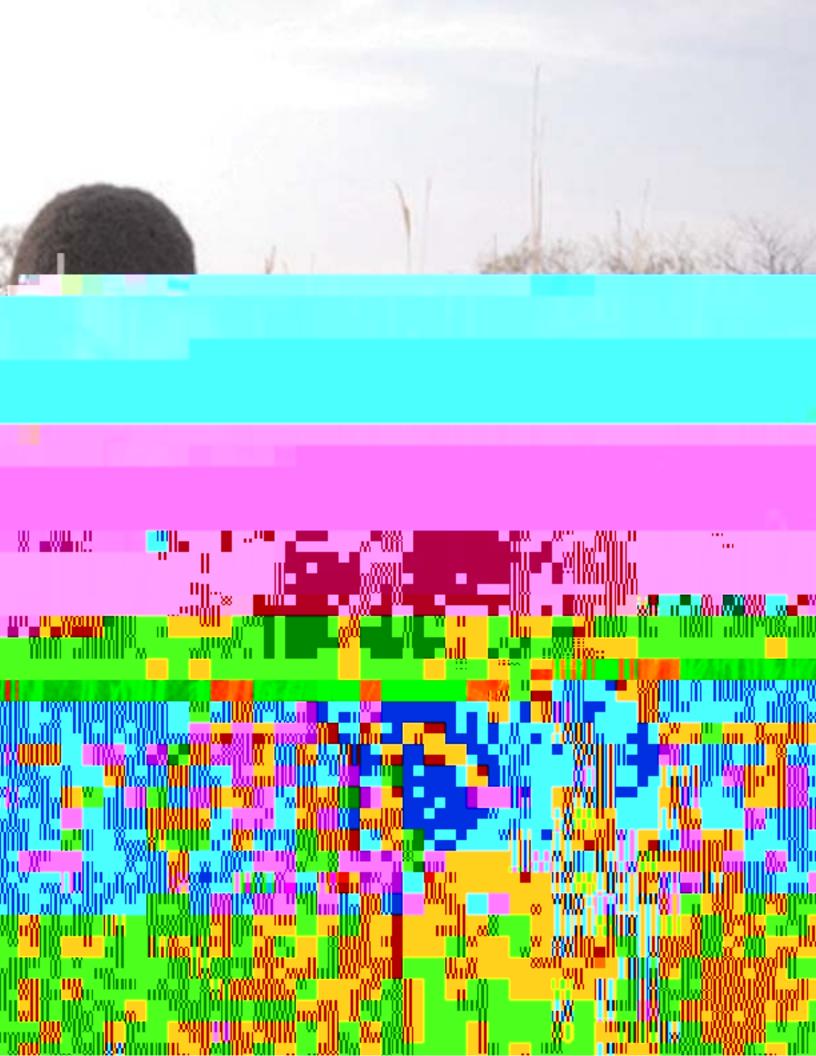
Long- erm











N mero s go ernment agencies, non-profit organi ations and ed cational instit tions that alread\_promote the roles of cit\_ nat ral areas co ld be more effectient of the ghine, and e panded public-pri ate partnerships. While ed cation needs are no mero s, priorities center on an increased a areness among st dents regarding the importance of biodiersit\_conservation to the local, regional and global en ironment of lts should be enlightened about how their behalior and consimption habits affect iddlife and how relatively simple efforts around the home and porkplace can benefit natively so that the plants, replacing palement ith more porols since the first around the strength of the plants, replacing palement in the more porols since the first around the plants, replacing palement in the more porols since the first around the plants, replacing palement in the more porols since the first around the plants.

- » ppoint a liaison to ork ith Chicago P blic Schools to promote o tdoor nat re acti ities and pro ide ser ice learning credits to st dents that take part in these acti ities
- » Reach o t to the Catholic rchdiocese and other parochial, pri ate, and independent schools to promote o tdoor nat re acti ities
- » Impro e teacher access to e isting habitat c rric la and de elop a ne teacher certificate or endorsement for se of s ch c rric la

- » Impro e and e pand Chicago Wilderness eacher raining b on the Internet b\_ incl ding gardening, biodi ersit\_ and related information
- Work ith the Cit\_ of Chicago s fter School atters and Galler\_ programs to incl de orkshops that foc s high school st dents attention on local nat re, biodi ersit\_, greening and gardening
- » se the Cal met Ste ardship Initiati e as a model for foc sing partner organi ations on a specific goal in a certain location he effort old be et to concentrate reso rees for ickl demonstrated en ironmental benefits

achrach-Sniderman, J lia he Cit\_ In a Garde

#### Chicago Park District

#### J\_<u>i</u> Ea <sup>⊄</sup>Tea

elps \_o ng people de elop an a\_areness and connection to the nat ral en ironment b\_ enco raging teens to perform ste\_ardship pro ects in local parks and pro iding\_rork e perience and e pos re to en ironmental careers

#### Na \_e Oa \_\_

elps residents e perience nat re tithin an rban en ironment b\_ offering nat re-based science acti ities, restoration fork, fishing, ka\_aking, nat re crafts, campfires, after-school programs and o ernight camping s of s mmer , Nat re asis sites fere at Gompers,

mboldt, Jackson and Washington parks

O \_di i a d E \_i e a Ed ça i l \_a \_e Incorporates programs in e er\_ park in the cit\_ to ser e toddlers thro gh seniors he programs de elop a areness, appreciation, kno ledge and ste\_ardship of nat ral reso rces

#### Ma i Dae 'F\_ 'N K d

Pro ides s mmertime fishing instr ction for
- to -\_ear-olds Rods, reels, bait, fishing locations and instr ctors are pro ided free of charge

## O\_dii E ie

Introd ces o tdoor and en ironmental acti ities to - to -\_ear-olds d ring the school \_ear Children record \_eather patterns, se compasses, read maps, and st d\_ geolog\_, rban \_elidlife and other aspects of nat re in cit\_ parks

## Se ad 🚄 Da

mphasi es the e ploration of cit\_ parks b\_ engaging \_o ng people in hands-on, da\_long learning e periences in the parks

#### U ba Ca e

Introd ces - to -\_ear-olds to nat re, teaches technical o tdoor skills and pro ides an opport nit\_ to appl\_ the kno\_ledge d ring a -ho r camping e perience in a local park

# U de I \_i \_ S <u>e</u>

Pro ides participants it a r stic camping e perience and immersion in nat re thro gh a three-da\_ camping trip to an Illinois state park perated in con nction it the Illinois Department of Nat ral Reso rces

# Chicago Department of n ironment

#### B\_d Hab\_a

preser ation polic\_ program that  $_{\overline{W}}$  orks to ard bird habitat de elopment and s pport

## Ca \_e Se ad <\_l \_a\_e

Pro ides ste ardship and programming opport nities to help people get in ol ed in comprehensi e ecological rehabilitation efforts thin the Cal met pen Space Reser e

### G ee ci C cagi

Pro ides hortic It ral instr ction, materials and emplo\_ment as part of a comm nit\_ landscaping and ob training program

#### Gee Riif/Gee B\_d\_g

Pro ides information on s stainable de elopment techni es for de elopers, architects and b ilding ogners and managers

## Sí a e Ma age e

n ed cational campaign that prod ces and distrib tes p blications s ch as Plant a Rain Garden in o r ard and G ide to Storm ater est anagement Practices

Calumet Stewardship Initiative For more information call the City of Chicago Department of Environment at 312. 744.5959

Chicago Audubon/Wilderness Habitat Project www.habitatproject.org, or call Chicago Wilderness at 847.965.1150, ext. 12

- Calling Frog Survey
- Bird Conservation Network census
- Woodland Audit
- Butterfly Monitoring Network
- Dragonfly Monitoring Network

Chicago Bird Collision Monitors and Rescue www.birdmonitors.net, or call 773.988.1867

Chicago Botanic Garden www.chicagobotanic.org, or call 847.835.5440

- Plants of Concern

Chicago Department of Environment www.cityofchicago.org/environment, or call 312.744.7606

Chicago Park District

www.chicagoparkdistrict.com, or call 312.742.PLAY

- Volunteer Stewardship Program
- Nature Oasis

Chicago Wilderness

www.chicagowilderness.org, and www.chicagowilderness.org/involve/volunteer/index.cfm

- Volunteer Stewardship Network
- Citizen Scientist Programs

Alliance for the Great Lakes www.lakemichigan.org

Chicago Herpetological Society www.chicagoherp.org

Chicago Mycological Society www.ilmyco.gen.chicago.il.us/

Chicago Ornithological Society www.chicagobirder.org Forest Preserve District of Cook County www.fpdcc.com, or call 708.771.1008

- Preserve Keepers Corps

Friends of the Chicago River www.chicagoriver.org, or call 312.939.0490

Illinois Department of Natural Resources http://dnr.state.il.us/orep/ecowatch

EcoWatch program

The Nature Conservancy

www.nature.org/wherewework/northamerica/states/ illinois/volunteer, or call 312.580.2100 or 866.876.5463

- Volunteer Stewardship Network
- Mighty Acorns

North Branch Restoration Project www.northbranchrestoration.org, or call 773.631.1790

Openlands

www.openlands.org, and www.openlands.org/volunteer.asp, or call 312.427.4256

- TreeKeepers
- Stewardship Teams

Peggy Notebaert Nature Museum www.naturemuseum.org, or call 773.755.5100

Shedd Aquarium

www.sheddaquarium.org, and www.shed-daquarium.org/volunteering, or call 312.939.2438

Sierra Club

http://illinois.sierraclub.org/chicago, and http://illinois.sierraclub.org/chicago/volunteer, or call 312.251.1680

The Field Museum of Natural History www.fieldmuseum.org

Fort Dearborn chapter of Illinois Audubon Society www.illinoisaudubon.org/chapters

Chicago Audubon Society www.chicagoaudubon.org

Midwest Ecological Landscape Association www.melaweb.org Organizations that recruit and train volunteers to work on biodiversity restoration projects in Chicago

Other Groups

Chicago Ri er Corridor De elo, en Plan and the Chicago Ri er Corridor De ign G ideline and S andard are adopted b\_ Chicago Plan Commission he doc ments pro ide goals to impro e the ri er as a nat ral habitat and its banks as a al able so rce of open space for people

Hand oo, of Ban, Re. ora.ion De ign for
.he Chicago Ri er and o.her Ur an S.rea b\_
riends of the Chicago Ri er, Northeastern Illinois
Planning Commission, and Cit\_ of Chicago
Department of Planning and De elopment is
released It presents propert\_ o\_ners, de elopers
and cit\_ planners \_\_ith concept designs for
landscaping ri er edges

#### 2000

Ur an Con er a ion Trea. for Migra or Bird is signed bet en Cit\_ of Chicago and the S ish Wildlife Ser ice It commits the cit\_ to incorporate bird habitat in its parks and to la nch a campaign to ed cate homeonners about impro ing back\_ard habitat

Pro ec. ing Na. re in Yo r Co ni.  $_{V}$  A G ide oo, for Pre er ing and Enhancing Biodi er i.  $_{V}$  is released b\_ the Northeastern Illinois Planning Commission and Chicago Wilderness as a tool to help local go ernments protect and enhance regional biodi ersit\_

Chicago Ha i.a. In en or  $_{V}$ , a Geographic Information S\_stem-based database of e isting cit\_ habitat, is initiated b\_ the Cit\_ $_{V}$  th f nding

his is not an incl si e list of all lidlife species that are fo nd lithin the Cit\_ of Chicago Some are non-nati e species that are considered n isances

#### $B_d$

cadian fl\_catcher Ider fl\_catcher merican a ocet merican bittern merican black d ck merican coot merican cro\_n merican golden plo er merican goldfinch merican kestrel merican pipit merican redstart merican robin merican tree sparro merican hite pelican merican igeon merican \_oodcock aird s sandpiper ald eagle altimore oriole ank s\_allo\_ arn s\_allo arred o\_l a\_-breasted \_arbler ell s ireo elted kingfisher lack scoter lack tern lack-and-\_hite \_arbler lack-bellied plo er lack-billed c ckoo lackb rnian \_arbler lack-capped chickadee lack-cro\_ned night heron lack-legged kitti\_ake lackpoll \_arbler lack-throated green \_\_arbler

lea\_

I e-gra\_ gnatcatcher

I e-headed ireo

l e-\_inged teal l e- inged arbler obolink onaparte s g II road-\_inged ha\_k ro\_n creeper ron thrasher ro\_n-headed co\_bird ff-breasted sandpiper fflehead Canada goose Canada \_arbler Can asback Cape ma\_\_arbler Carolina ren Caspian tern Cattle egret Cer lean arbler Chestn t-sided arbler Chimne\_ s\_ift Chipping sparro Ch ck-\_ill s-\_ido\_ Cla\_-colored sparro\_ Cliff s\_allo Common goldene\_e Common grackle Common loon Common merganser Common moorhen Common nightha, k Common redpoll Common snipe Common tern Common \_ello\_throat Connectic t arbler Cooper s hak Dark-e\_ed nco Dickcissel Do ble-crested cormorant Do\_n\_oodpecker D nlin ared grebe astern bl ebird astern kingbird astern meado lark

astern phoebe astern screech o\_r

astern to hee astern ood-pe ee rasian \_igeon ropean starling ield sparro orster s tern o sparro ranklin s g II Gad\_all Gla co s g II Golden-cro\_ned kinglet Golden-\_inged\_\_arbler Grasshopper sparro Gra\_ catbird Gra\_ partridge Gra\_-creeked thr sh Great black-backed g II Great bl e heron Great crested fl\_catcher Great egret Great horned o\_l Greater sca p Greater hite-fronted goose Greater \_ello\_legs Green heron Green-\_inged teal  $\operatorname{air}_{-\overline{W}}\operatorname{oodpecker}$ arle in d ck enslo s sparro ermit thr sh erring g II


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Ma
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     а
                                     I ntnose minno
 ea er
 ig bro_n bat
 lack rat (common rat)
Common ole
Co_ote
Deer mo se
 astern chipm nk
 astern cottontail rabbit
 astern mole
  ening at
 o s irrel
 ranklins gro nd s irrel
Gra_ fo
Gra_s irrel
 oar_ bat
 o se mo se
 een s m_otis
Least _easel
Little bron bat
Long-tailed easel
 asked shre
 ink
   skrat
Nor_a_ rat
Pipistrelle
Prairie ole
Raccoon
Red bat
Red fo
Short-tailed shre
Sil er-haired bat
So thern fl_ing s irrel
Striped sk nk
 hirteen-lined s irrel
 irginia oposs m
White-footed mo se
White-tailed deer
Woodch ck
F__′
 le_ife
 merican eel
 igmo th shiner
 lack b ffalo
 lack b Ilhead
 lack crappie
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# ckno\_ledgements

#### **CITY OF CHICAGO**

onorable Richard Dale\_ a\_or

## C'cagi De a e if Pa\_g ad De ei e

Lori eale Commissioner

Nelson Ch eng
athleen Dickh t
nne Jal ot

Jeanne Reinhardt

Peter Stra abosco

## Dea e ifE <u>i</u> e

Sadh Johnston
Commissioner
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# MAYOR S LANDSCAPE COMMITTEE NATURE & WILDLIFE SUBCOMMITTEE

Gerald delmann penlands, Chair

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