



- O PISRUPTION OF ECOLOGICAL PROSESSING NATIVE PLANTS AND ANIMAL COMMUNITIES
- O DISPLACE NATIVE SPECIES LEADING TO PLEIR
 EXTINCTION (ES. GOATS DESTROY ALDRA DE ISLAND)
- O ADVERSE EFFECTS ON CHIMAN HEALTH
- ECONOMIC & SOCIAL IMPACTS

EG. Y YIELDS IN AGRICULTURE & FISHERIES

INVASIVE EPECIES IN THE USA

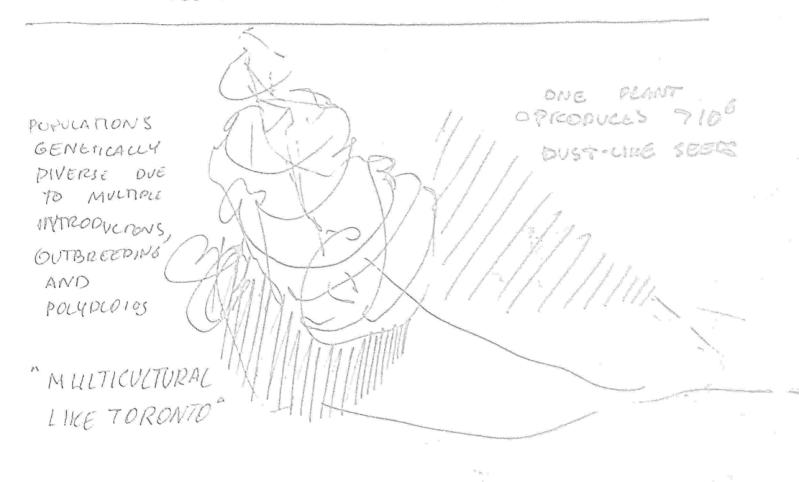
- · BLONDMIC COM: \$ 120 000 /4
- · 50 000 SPECIES ARE INTRODUCED
- O LUZ YOOFN. GRE AT RISK .
- O INVADINE SPECIES ARE AGENESSIVE IN THE
- O ARE CERTAIN ELOSVISTEMY MORE SUSCEPTIBLE!
 - -> HIGH ANTHROPOGENIC DISTURBANCE BIVES 1.8. A POOPLIND.
- OF SUCCESSFUL INVADERS?
 - -> OFTAIN THE SAME TRAITS ARE BREEZEN
- O 13 THERE EVIDENCE FOR LONTEMPORARY EVOLUTION?
- RECENT INVADERS PORT TO COCAL ENVIRONMENTS

FRESHWATER MOLLUSE, ZEBRA MUSSELS, AZZIVED TO ONTARION IN BALLAST WATER OF OCEAN PREJOUNCES

> 10 15

GATENSIVE DAMAGE TO WATER INTRICO DIRES AND COMMERCIAL FIRESPIES

PURPLE LOOSESTRIFE DEGRADES WETLANDS



POR RAPID ADAPTIVE EVOLUTION EVIDENCE

, FAST FWWERING BERORE FROSTS

HA: LEADING TO FASTER EVOLUTION EVOLUTS

VARIATION FORMS A CLINE IN TIME TO
FLOWERING FASTER THAN GOUTHWRAN
POPULATIONS

AGUATIC DUANT INVASION IN ONE TROPICS

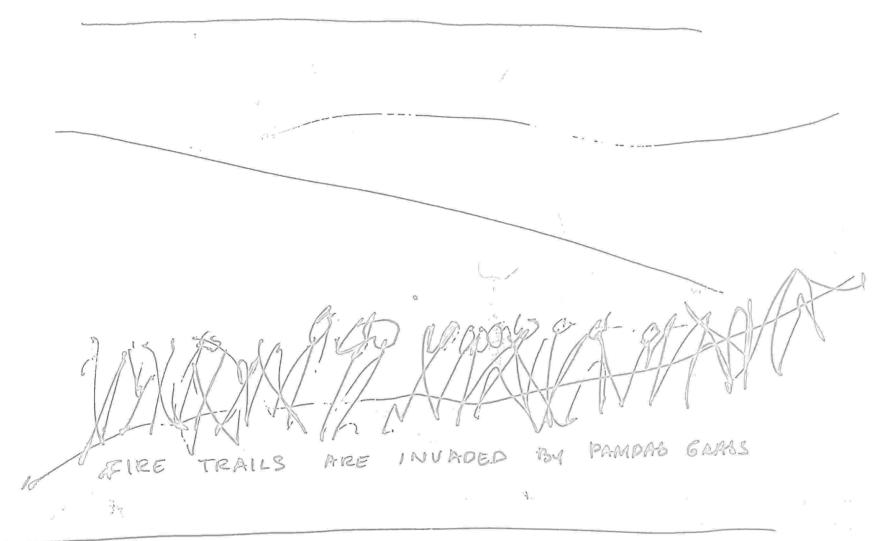
- · NATIVE TO GOVTE AMERICA
- Our Words TROPIS
- · FREE-FLOATING WITH PROLIFIC -
- O MIGH INVASIVENDES BUD TO

RAKIBA WEED ; EGRN

- O COMPLETELY STERILE DUE TO PENTAPLOIDIEM
- · OUTCOMPETES WATER GMACINTY

LORNE

DRESTURE) IS 17 TIMES MIGHER.



TRAITS FOR SUCCESSFUL INVASION:

- O RAPID DEVELOPMENT TO REPRODUCTION
- O MIGH REPRODUCTIVE OUTPUT
- · WELL-DEVELOPED DESPERSAL MECHANISM
- · BROAD ECOLOGICAL POLERANCE
- O HIGH PHENOTYPIC PLASTICITY



PROFESSOR BARRETT -> SWAZILAND 1969



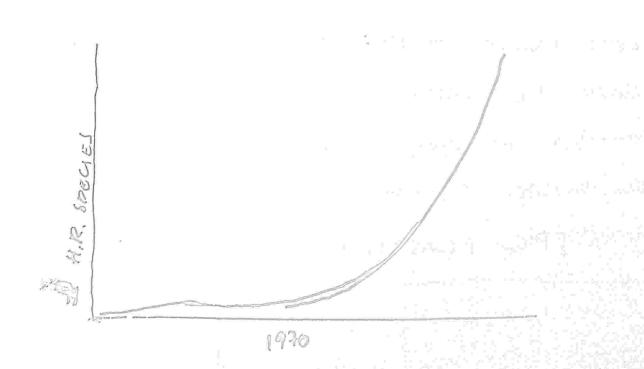
MANUAL WEEDING
INTRODUCTS STRONG
SELECTIVE PRESSURE
WHICH LEADS TO
THE BLOMIMICIPALL
GE WEEDS.

RICE VS BRIENYARD IT IN ADVENTENT NATURAL

SELECTION OF A MEMBER

FORM

RAPID EVOLUTION OF MERBICIDE RESISTANT WEEDS



PLANIMED INTROGRETION OF ENEMIES TO CONTROL UNWANTER POPULATIONS OF INVERTOR OF INVERTORS OF

TO MUST BE MOST SPEMPLE TO 10 YEARS

ESSTANCE of GENERALLY CERCONSING

Speries

BLOUGICAL LENTRA:

of CHEAD

+ EFFECTS ARE PERMANENT OF SUCCESSIONS

- MISK OC - A WEW INVAMILE BUCKET