



CAPPOLUS

ELATHER OF THEONOMY

-> NAMING IS IMPORTANT

TARON	TAXONOMY
5.	THE STUDY OF CLASSIFICATION
LINGDOMS	EYSTEMATICS
DAYLA	THE STUDY OF BLOOMING
2000	AND THE EVOLUTIONERS ITY
	RELATIONS

## PHENETICS

CLASSECATION
BASED ON
OVERALL RESEMBLANCE

## CLADISTICS

CLASSIFICATION THE BASED ON THE PHYLOGENETIC RELATIONSHIPS

MILLIE MENNIG

TREES AS AN INSTRUMENT

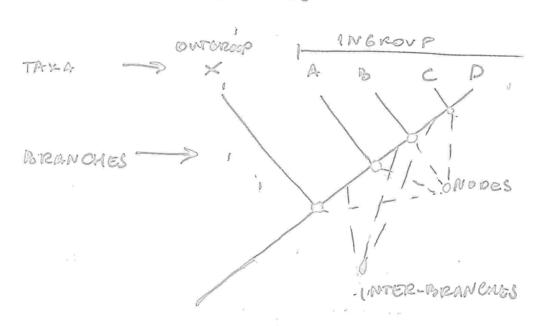
JWEDT EROM

THE EMITHSONIAN

HETER THE REDISCONERY

6= HENNIG'S ROOK.

A PHULOGENETIC TREE



MONOPHYLETIC GROUP

THE THOON AND NO SPECIES IN THE INGRES



DEG N

O TOENTIFICATION OF ANCESTRAL AND DERIVED TREES

## homorogy

SIMILARITY OF TRAITS IS THE TO THEMED ANESSMY

Hemoploby

MMILARRITY AS A RESULT BE CONVERGENT EVOLUTION

CONVERGENT EVOLUTION

BHAKED ELOUGY NOT SMARED ANCESTRY

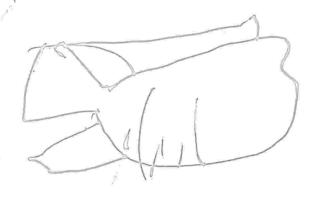
Contraction of the state of the

EARLY



MILKWEED FAMILY

AFRICA - BOT CACTI!





. ALL LIEE IS RELATED MADE ON BRANCHING DESCONT

- LUPE B RELATED
- O EUDLUTIONARY KELATIONSHIPS ARE REPLECTED

TOLWEBOORG / TREE

WALNE MADDISON

DAVE MADDISON

DNA SERVENGING IS ENABLING RAPID CONSTRUCTION OF THE TREE OF LIFE

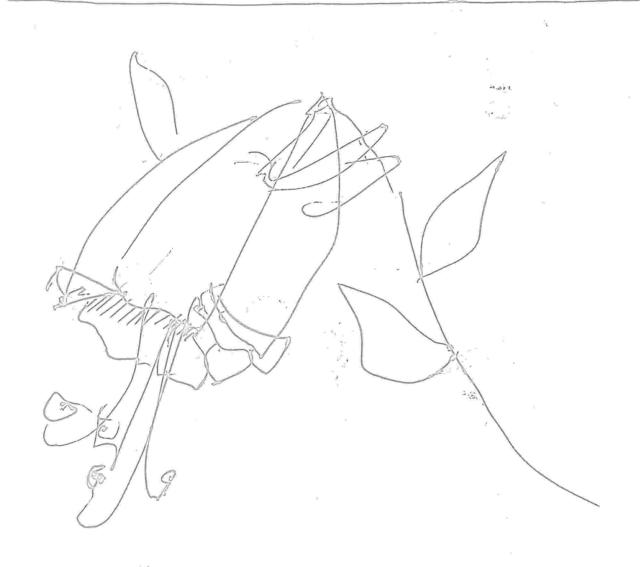
10 000 WEBPAGES ABOUT BIODIVERSITY

AND PRINCIPE RELATIONSHIPS

ORIGIN OF A NOVEL TRAIT REVLEING"

IN PROPERCY PARIATION

=> ELPLORATION OF EXISTING RESOURCES



PRIVERSE FLOWERS RESOCIATED

WITH DIFFERENT POLLINATORS

IN COLUMBINE SOURS.

PRIVERSE SHOWS RAPID

BURS OF SPECIA FOR WITH

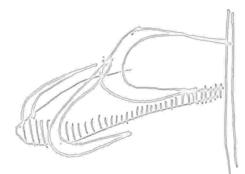
ALQUISITION OF NECTOR SPUR

ENOUS BRANCO LENGTHS IN
COMPARISON WITH SISTER GROUP

- · 16 POLD VARIATION IN N. SIDDR LEWOLD
- 0 7 INDEPENDENT POLLINATOR SHIETS
- LENGTH EVOLUTION

SEXUAL CONFLICT AND THE ARMS RACE IN WATER STRINGES

- o Locke
- FOR FEMALES PHAN MALES.
- => FEMALES TEND PO REFIST MATING ATTEMPTS.
- BEMANIONRY EVOLVE TO ALD RESISTAMCE
- =) 6 rapo ING STUCTURES EVENUE IN MANS



ANTAGONISTIC EVOLUTION
ESCALATES THE ARMS PARE.

