

Animals that Fly

(Animal Gliders)



Flying Frog





Flying Frog



Flying Dragon Lizard



Flying Lizard





Flying Squirrel





Flying Lemur





Flying Man





Flying Fish





Gliding Manta Ray





Gliding Whales





Man Made Glider



Bio-Inspired Engineering

BIOMORPHIC EXPLORERS: VERSATILE MOBILITY



BIOLOGICAL EXAMPLE OF
RECONFIGURABLE MOBILE UNIT



(Mark Yin, 1998)



CHALLENGE: TO DESIGN
RECONFIGURABLE MOBILE UNIT



BIOLOGICAL EXAMPLES OF
FLYERS



BIOMORPHIC FLIGHT SYSTEMS
• DOD LEVERAGE



Mechanical Winged Seed



Be Inspired!

Design Your Own Wings and Rudder