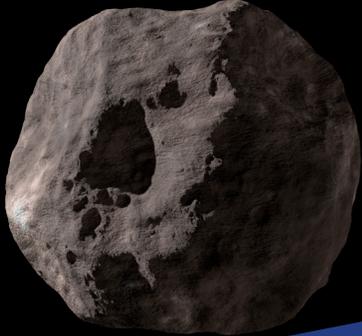


Celebrate Asteroid Day with The Lucy Mission

DONALDJOHANSON

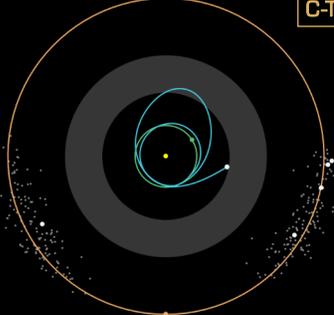


Lucy Encounter
on
April 20, 2025



Artist's Conception of Asteroid

C-Type



Discovered March 2, 1981	Diameter ~4 km
Donaldjohanson is a Main Belt asteroid named in honor of Donald Johanson.	Inclination 4.4°
In 1974, he discovered the "Lucy" fossil in Ethiopia.	Rotation Rate Unknown
	Semi-Major Axis 2.38 AU

(52246) DONALDJOHANSON

EURYBATES

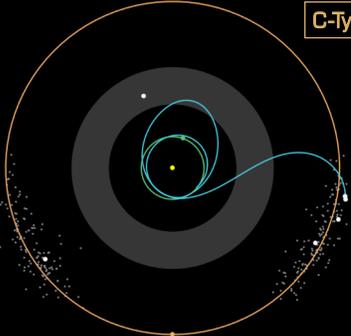


Lucy Encounter
on
August 12, 2027



Artist's Conception of Asteroid

C-Type

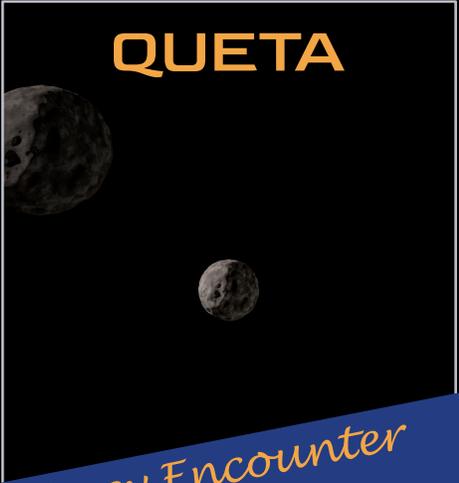


Discovered Sept. 19, 1973	Diameter ~64 km
Eurybates is a Trojan asteroid in the L4 swarm.	Inclination 8.1°
In Homer's the <i>Iliad</i> , Eurybates is a herald - a type of messenger.	Rotation Rate 8.7 hr
	Semi-Major Axis 5.20 AU

(3548) EURYBATES

June 30, 2021

Celebrate Asteroid Day with The Lucy Mission



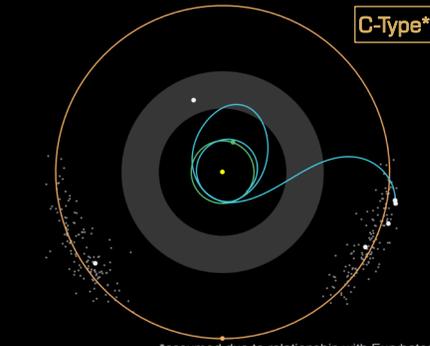
QUETA

*Lucy Encounter
on
August 12, 2027*

Artist's Conception of Asteroid



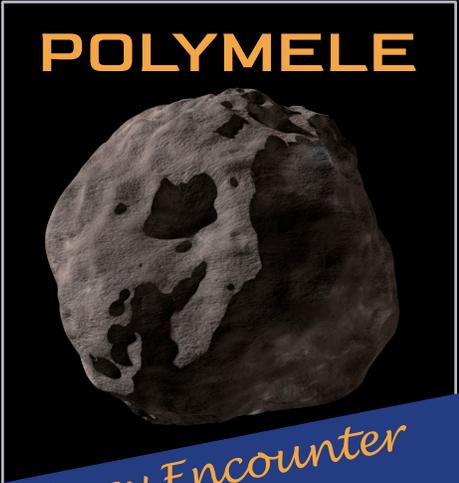
C-Type*



*assumed due to relationship with Eurybates

Discovered Sept. 12, 2018	Diameter ~1 km
Queta is Eurybates' small satellite named in honor of Norma Enriqueta "Queta" Basilio Sotelo.	Inclination 8.1°
In 1968, she became the first woman to light the Olympic cauldron.	Rotation Rate Unknown
	Semi-Major Axis 5.20 AU

QUETA



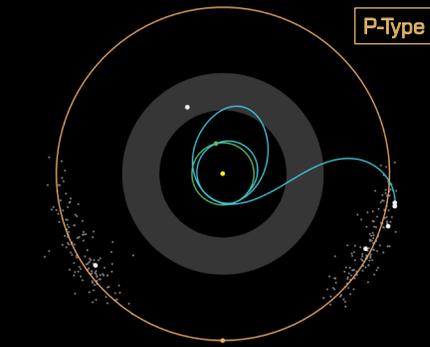
POLYMELE

*Lucy Encounter
on
September 15, 2027*

Artist's Conception of Asteroid



P-Type



Discovered Nov. 17, 1999	Diameter ~21 km
Polymele is a Trojan asteroid in the L4 swarm.	Inclination 13.0°
Polymele is married to Menoetius and is the mother of Patroclus.	Rotation Rate 5.8 hr
	Semi-Major Axis 5.17 AU

(15094) POLYMELE

June 30, 2021

Celebrate Asteroid Day with The Lucy Mission

LEUCUS

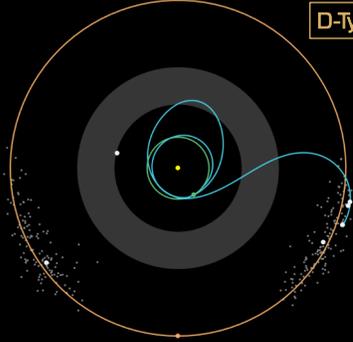


Lucy Encounter
on
April 18, 2028



Artist's Conception of Asteroid

D-Type



Discovered Oct. 12, 1997	Diameter ~33 km
Leucus is a Trojan asteroid in the L4 swarm.	Inclination 11.6°
In Homer's the <i>Iliad</i> , Leucus is a Greek warrior.	Rotation Rate 446 hr
	Semi-Major Axis 5.29 AU

(11351) LEUCUS

ORUS

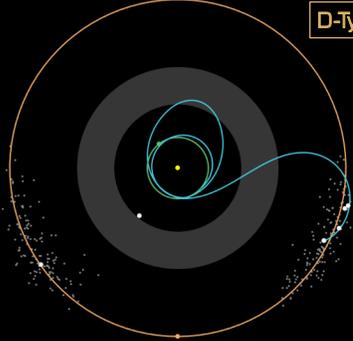


Lucy Encounter
on
November 11, 2028



Artist's Conception of Asteroid

D-Type



Discovered Nov. 9, 1999	Diameter ~51 km
Orus is a Trojan asteroid in the L4 swarm.	Inclination 8.5°
In Homer's the <i>Iliad</i> , Orus is a Greek warrior.	Rotation Rate 13.5 hr
	Semi-Major Axis 5.12 AU

(21900) ORUS

June 30, 2021

Celebrate Asteroid Day with The Lucy Mission

PATROCLUS

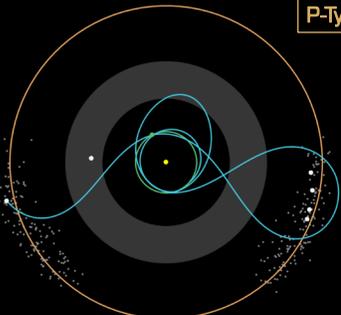


Lucy Encounter
on
March 2, 2033



Artist's Conception of Asteroid

P-Type



Discovered Oct. 17, 1906	Diameter ~114 km
Patroclus and Menoetius are a binary pair of Trojan asteroids in the L5 swarm.	Inclination 22.1°
In Homer's the <i>Iliad</i> , Patroclus is a companion of Achilles during the Trojan War.	Rotation Rate 103 hr
	Semi-Major Axis 5.21 AU

(617) PATROCLUS

MENOETIUS

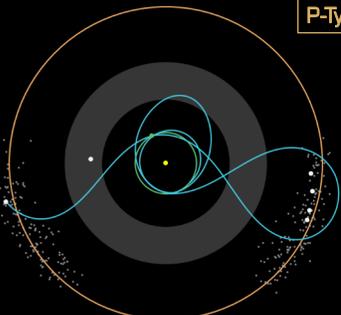


Lucy Encounter
on
March 2, 2033



Artist's Conception of Asteroid

P-Type



Discovered Sept. 22, 2001	Diameter ~105 km
Menoetius and Patroclus are a binary pair of Trojan asteroids in the L5 swarm.	Inclination 22.1°
In Homer's the <i>Iliad</i> , Menoetius is married to Polymele and is the father of Patroclus.	Rotation Rate 103 hr
	Semi-Major Axis 5.21 AU

MENOETIUS

June 30, 2021