

# Clustering and 10 Myr old Stellar Aggregates in the Orion OB1 Association

*César Briceño<sup>(1)</sup>, Nuria Calvet<sup>(2)</sup>, Jesus Hernández<sup>(3)</sup>*

(1) Cerro Tololo Inter-American Observatory, Casilla 603, La Serena, Chile

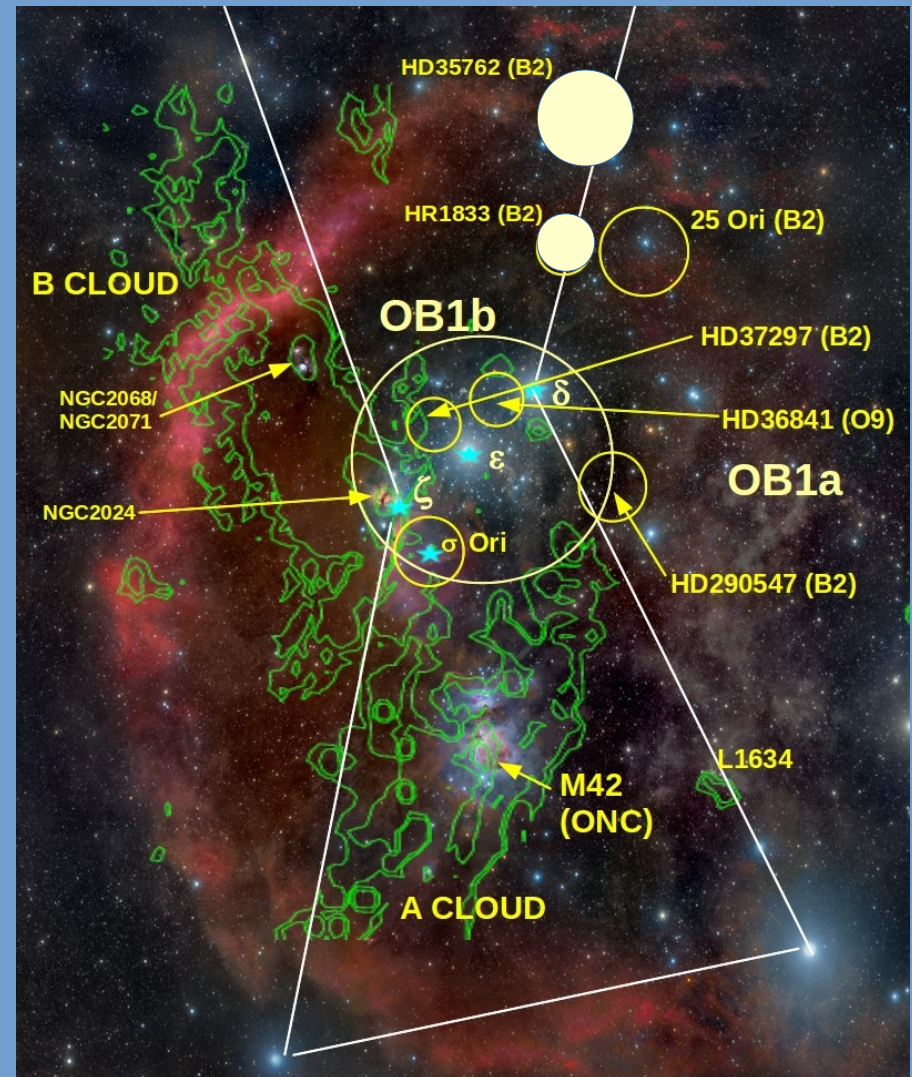
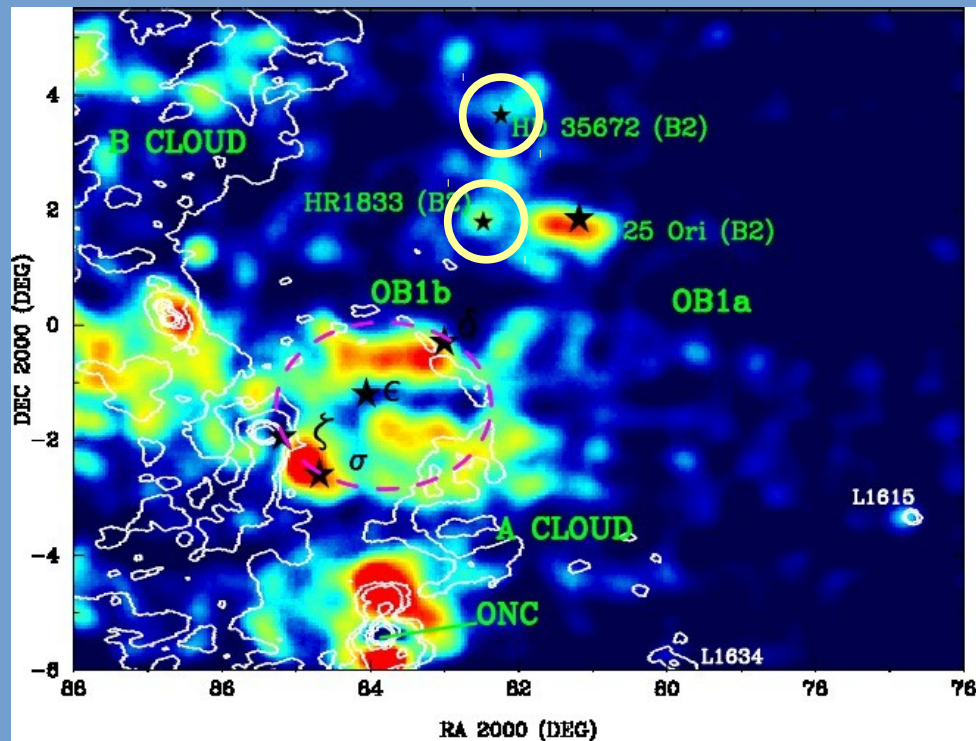
(2) University of Michigan, Astronomy Department, 500 Church St., Ann Arbor, MI 48109, USA

(3) Instituto de Astronomía, Universidad Nacional Autónoma de México, Ensenada BC 22860, Mexico



We report on two new stellar groups of T Tauri stars around the B2 stars HR 1833 and HD 35762, located in the Orion OB1a sub-association, west of the Orion B cloud

Large scale VRI, multi-epoch survey + followup spectroscopy to identify variable TTS across ~180 sq.deg. in Orion, mostly in the older regions devoid of molecular clouds = confirmed ~2000 TTS and several stellar groups (e.g. 25 Ori – Briceno et al. 2005, 2007)



- **HR 1833 and HD 35672 each contain ~100 TTS, and some A, B stars** (25 Ori has ~380 TTS) → *clustering pervasive in off-cloud regions*
- **CMDs indicate ages ~8.5 for HD35762 and 12 for HR 1833 Myr.**
- **Percentage of accreting TTS is 6% in HR1833 and 7% in HD35762,** a factor ~2 less than in the ~5 Myr old Orion OB1b region
- We are now measuring Rv's for the TTS members in each group

