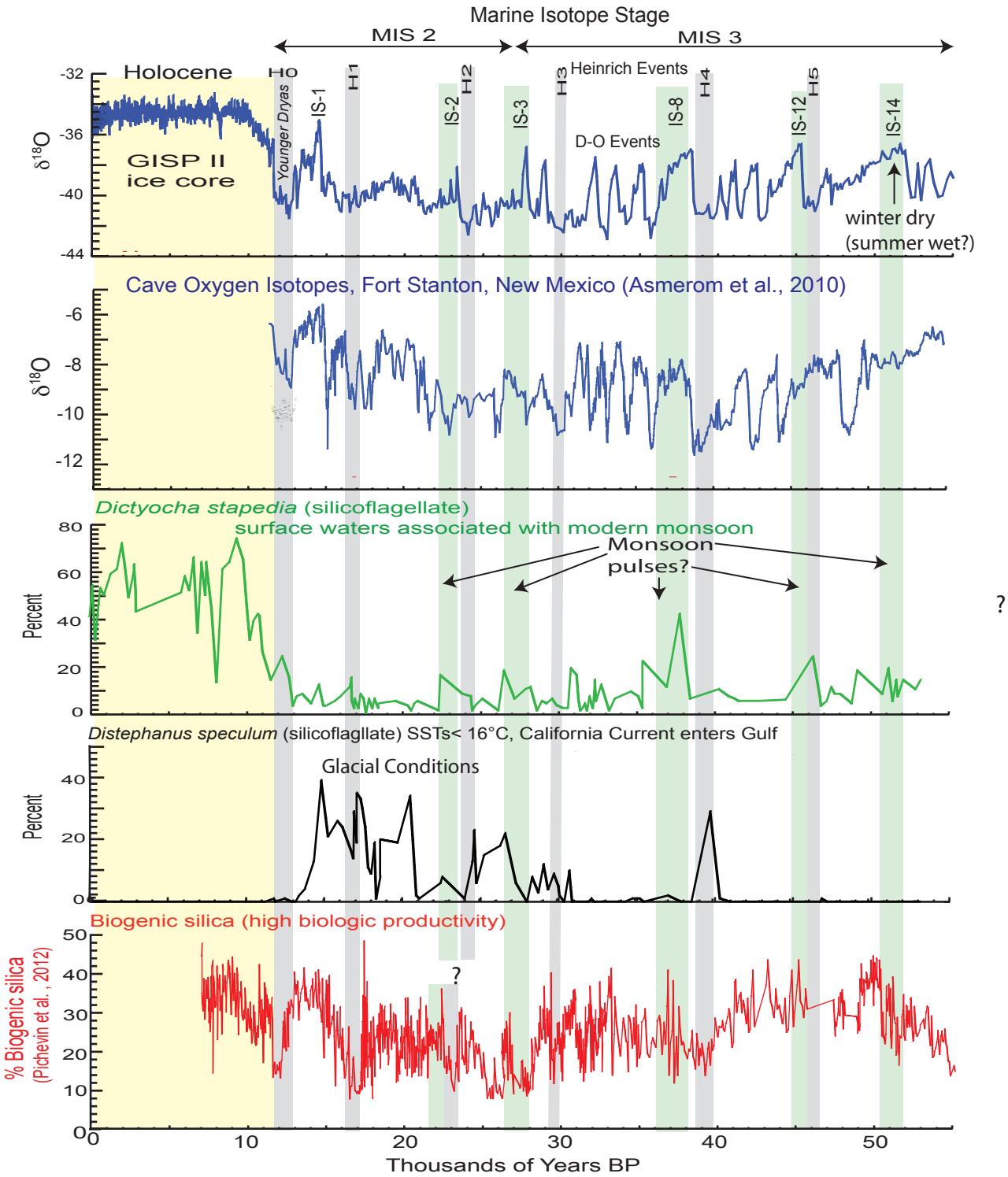
Marine Isotope Stage
MIS 2
MIS 3
Holocene
Ho
Younger Dryas
IS-1
H1
IS-2
H2
IS-3
H3
Heinrich Events
D-O Events
IS-8
H4
IS-12
H5
IS-14
winter dry
(summer wet?)
GISP II
ice core
δ18O
Cave Oxygen Isotopes, Fort Stanton, New Mexico (Asmerom et al., 2010)
Dictyocha stapedia (silicoflagellate)
surface waters associated with modern monsoon
Monsoon
pulses?
?
Percent
Distephanus speculum (silicoflagllate) SSTs< 16°C, California Current enters Gulf
Glacial Conditions
Biogenic silica (high biologic productivity)
% Biogenic silica
(Pichevin et al., 2012)
Thousands of Years BP