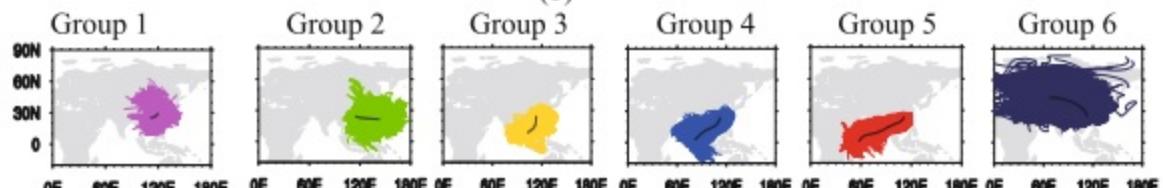
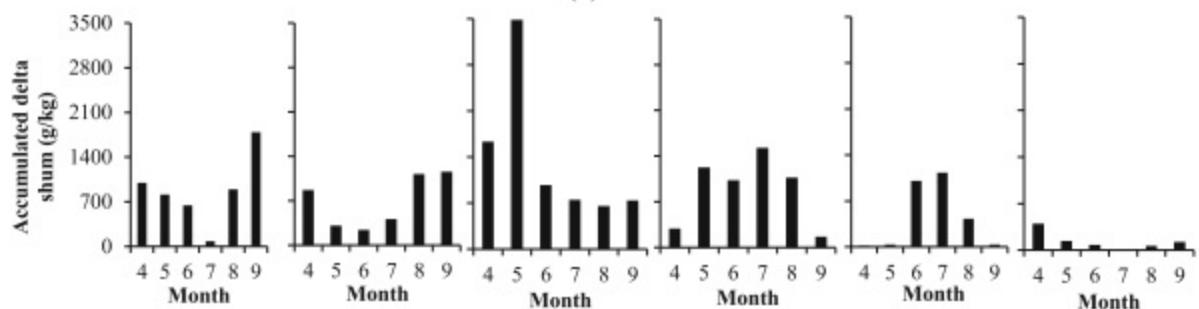


**(b)**



**(c)**



**Fig. 2.** Six groups of trajectories clustered based on the result of HYSPLIT during the boreal summer half year (1 April to 30 September 2012) with air particles released over Southeast China ( $21^{\circ}$ – $28^{\circ}$ N,  $105^{\circ}$ – $120^{\circ}$ E): (a) mean trajectory of each group, with the numbers indicating the group number, percentage of trajectory amount, and the contribution to the moisture supply of each group; (b) trajectories; and (c) monthly distribution of each group.